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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

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Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1792***
For each additional sheet over 30	**$20**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$269**

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **269 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
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8. Intellectual property acts, rules and regulations

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC
2. Correspondance électronique
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4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and

- ordering copies in paper, or electronic form of a document.

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of August 22, 2017 contains applications open to public inspection from August 6, 2017 to August 12, 2017.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 22 août 2017 contient les demandes disponibles au public pour consultation pour la période du 6 août 2017 au 12 août 2017.

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[54] **PLANTES TRANSGENIQUES A MORPHOLOGIE MODIFIEE ET GENE, PROMOTEUR ET PROTEINE DE L'ENDO-1,4-.BETA.-GLUCANASE ISOLES A PARTIR D'ARABIDOPSIS THALIANA**
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[54] **COMPOSES HETEROARYLES TRICYCLIQUES ET LEUR UTILISATION COMME KINASES DE PROTEINE SERINE-THREONINE ET MODULATEUR D'ACTIVITE PARP**
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[72] KOLL, DETLEF, US
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[54] **SYSTEME ET PROCEDE POUR EFFECTUER DES TRANSFERTS DE FONDS DE PERSONNE A PERSONNE PAR LE BIAIS DE COMMUNICATIONS SANS FIL**
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[54] **APPAREIL D'EPAULEMENT DE MUSCULATION ET PROCEDE D'UTILISATION DANS DES TRACTEURS SEMI-REMORQUES AVEC COUCHETTES**
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[54] **ORIFICE DE MISE A L'AIR LIBRE POUR SYSTEME AUTOMATIQUE D'EXTINCTION D'INCENDIE PAR EAU ET METHODE D'EVACUATION DE L'AIR DUDIT SYSTEME**
[72] BURKHART, DAVID J., US
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[54] **SEPARATEUR DE FAISCEAU DE POLARISATION-ROTATEUR DE POLARISATION**
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[54] **RECEPTEUR DE DIFFUSION NUMERIQUE ET PROCEDE POUR SA COMMANDE**
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[54] **PROCEDE D'ANALYSE DE FLUX DE DONNEES CODES TRANSMIS SIMULTANEMENT, DANS DES RESEAUX IP**
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[54] **ZB7H6 MEMBRE DE LA FAMILLE B7 ET COMPOSITIONS ET PROCEDES APPARENTES**
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[54] **COMPOSITION DE TEINTURE POUR COMMANDE DE TRANSFERT DE FLUIDE**
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[72] HEINDL, DIETER, DE
[72] JOSEL, HANS-PETER, DE
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[54] **PROCEDE DE DESULFURATION D'UN EFFLUENT GAZEUX COMPORTANT UN DISPOSITIF D'ANALYSE EN LIGNE ET DE CONTROLE**
[72] GRANDJEAN, JULIEN, FR
[72] RENAUDOT, LAURENT, FR
[72] CARRETTE, PIERRE-LOUIS, FR
[72] DROZDZ, SOPHIE, FR
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[54] **COMPOSITIONS DE FLUIDE DE TRAITEMENT DE PUITS ET PROCEDES D'UTILISATION QUI COMPRENNENT UNE FORMULATION DE PERCARBONATE A LIBERATION RETARDEE**
[72] ANDERSSON, CAROLINA HANNA MATILDA, SE
[72] EZZELARAB, MONA, SE
[72] JOHANSSON, CECILIA EVA MARIA, SE
[72] AFTEN, CARL WILHELM, US
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[54] **PROCEDE POUR MESURER UNE CONCENTRATION DE SUBSTRAT ET SON DISPOSITIF**
[72] TSUGAWA, WAKAKO, JP
[72] SODE, KOJI, JP
[73] BIOENGINEERING LABORATORIES, LLC, JP
[73] ARKRAY, INC., JP
[73] ULTIZYME INTERNATIONAL LTD., JP
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[54] **DERIVE D'URACILE OU DE THYMINE POUR LE TRAITEMENT DE L'HEPATITE C**
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[72] STEWART, KENT D., US
[72] ROCKWAY, TODD W., US
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[54] **METHODE ET DISPOSITIF INDIQUANT LA NECESSITE DE REAPPROVISIONNER UN PRODUIT A DISTRIBUTION ALEATOIRE**
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[54] **DERIVES DE QUINONE, COMPOSITIONS PHARMACEUTIQUES ET UTILISATIONS CORRESPONDANTES**
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[72] BORCH, RICHARD F., US
[72] NYLAND, RODNEY L., II, US
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[72] BIGGS, DANIELLE, US
[72] SHAW, KATARA, US
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[54] **COMPOSITIONS ET METHODES DE SEPARATION DU BITUME PRESENT DANS DES MINERAIS DE SABLE BITUMINEUX**
[72] KUKKONEN, JARI-JUKKA, FI
[72] AITTA, EERO, FI
[72] OINAS, PEKKA, FI
[72] JANSSON, KAJ, FI
[72] NAIR, MOHAN, US
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[54] **COMBINAISON D'AGENTS D'INHIBITION DE BLYS ET D'AGENTS ANTI-CD 20 POUR LE TRAITEMENT D'UNE MALADIE AUTO-IMMUNE**
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[72] BROLY, HERVE, FR
[72] GRAFFNER, HANS OTTO LENNART, SE
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[54] **SYSTEME DE REPARTITION DE CHARGE POUR TURBINE A GAZ**
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[72] SCHAYOWITZ, ADAM, US
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[72] BELAND, GRAHAM N., US
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[72] SCHWAGER, KATHRIN, CH
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[72] HOLZMAN, PAUL, US
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[72] BARKER, MARCIN K., CA
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[54] **DISPOSITIF DE FILTRATION D'AIR POUR SYSTEME PNEUMATIQUE DE TURBINE A GAZ**
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[73] PRATT & WHITNEY CANADA CORP., CA
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[54] **COMPOSITION DE GLYPHOSATE HERBICIDE**
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[73] LOVELAND PRODUCTS, INC., US
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[54] **DISPOSITIF ET PROCEDE POUR UNE SIMULATION DE MAGNETOHYDRODYNAMIQUE**
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[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **ROBINET-VANNE A LUNETTE, EN PARTICULIER POUR BLOQUER UNE CANALISATION TRANSPORTANT UN FLUIDE**
[72] SIDLER, HANS-JOERG, CH
[73] SISTAG AG ABSPERRTECHNIK, CH
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[54] **COMPOSES DESTINES A ETRE UTILISES DANS LE TRAITEMENT DU CANCER**
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[72] KURZ, TINO, SE
[72] ANDERSSON, ROLF, SE
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[54] **PROCEDE ET DISPOSITIF DE REPRISE APRES DEFAILLANCE DU PONT RACINE**
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[73] SIEMENS CANADA LIMITED, CA
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[54] **AGRAFEUSE CHIRURGICALE**
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[72] ROSS, ADAM J., US
[72] PRIBANIC, RUSSELL, US
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[72] BENEDINI, FRANCESCA, IT
[72] BIONDI, STEFANO, IT
[72] CHIROLI, VALERIO, IT
[72] CHONG, WESLEY KWAN MUNG, US
[72] DONG, LIMING, US
[72] KRAUSS, ACHIM HANS-PETER, US
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[54] **REVETEMENT ENROBANT DE FIBRES POLYMERES SUR DES SUBSTRATS NON TISSES**
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[72] CHOWDHURY, SUMANA ROY, US
[72] GURGEL, PATRICK VASCONCELOS, US
[72] LIU, HAIYAN, US
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[54] **DISPOSITIF DE MESURE DES PROPRIETES ELECTRIQUES D'ECHANTILLONS GEOLOGIQUES SOLIDES OU LIQUIDES**
[72] CAPACCIOLI, SIMONE, IT
[72] LUCCHESI, MAURO, IT
[72] BONA, NICOLA GIOVANNI, IT
[73] ENI S.P.A., IT
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[54] **PIER BRACKET**
[54] **FIXATION DE QUAI**
[72] JONES, BRIAN W., US
[72] JONES, DONALD W., US
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[73] CARGILL, INCORPORATED, US
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[54] **PUBLICITES TELEVISUELLES CIBLEES ASSOCIEES A DES CHAINES OU A DES PROGRAMMES DE TELEVISION PREFERES D'UTILISATEURS EN LIGNE**
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[73] INTENT IQ, LLC, US
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[54] **APPLICATIONS DE SURVEILLANCE DES PERFORMANCES D'UNE POMPE**
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[72] O'KEEFE, CHRISTIAN VICTOR, US
[72] MARON, ROBERT J., US
[72] POPLAWSKI, JOSEPH L., US
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[54] **DETECTION ET CORRECTION AUTOMATIQUE DE DEPOT DANS UN MATERIEL TUBULAIRE A L'AIDE DE MESURES PAR RAYONS GAMMA MULTI-ENERGIE**
[72] PINGUET, BRUNO, FR
[72] CUMBE, CARLOS, QA
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **BOITE DE REDUCTION D'IMPACT DE CABLES DE LEVAGE D'UNE PELLE EXCAVATRICE ELECTRIQUE**
[72] WILCOX, CRAIG A., US
[73] PREMIER TECHNOLOGY, INC., US
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[54] **BENZENE OR THIOPHENE DERIVATIVE AND USE THEREOF AS VAP-1 INHIBITOR**
[54] **DERIVE DE BENZENE OU DE THIOPHENE ET SON UTILISATION EN TANT QU'INHIBITEUR DE LA VAP-1**
[72] MATSUKAWA, TATSUYA, JP
[72] MASUZAKI, KAZUHIRO, JP
[72] KAWASAKI, AKIKO, JP
[72] AKASAKA, AKIKO, JP
[72] KAWAI, YOSUKE, JP
[73] R-TECH UENO, LTD., JP
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[54] **ANCRAGE DYNAMIQUE D'UN APPEL**
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[73] SHORETEL, INC., US
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[54] **HOT WATER HEATER AND METHOD OF SUPPLYING HOT WATER**
[54] **CHAUFFE-EAU ET PROCEDE D'ALIMENTATION EN EAU CHAUDE**
[72] PETERI, NIELS THEODOOR, NL
[73] HENRI PETERI BEHEER B.V., NL
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[54] **USER-REQUEST-INITIATED TRANSMISSION OF DATA FILES**
[54] **TRANSMISSION DE FICHIERS DE DONNEES DECLENCHEE A LA DEMANDE D'UN UTILISATEUR**
[72] SUNDSTROEM, ANDERS, SE
[72] LUNDMARK, MAGNUS, SE
[72] CHRISTENSEN, MATTIAS, SE
[72] LINDBAECK, LARS, SE
[73] TWITTER, INC., US
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[54] **REDUCIBLE POROUS CRYSTALLINE HYBRID SOLID FOR THE SEPARATION OF MIXTURES OF MOLECULES HAVING DIFFERENT DEGREES AND/OR A DIFFERENT NUMBER OF UNSATURATIONS**
[54] **SOLIDE HYBRIDE CRISTALLIN POREUX REDUCTIBLE POUR LA SEPARATION DE MELANGES DE MOLECULES AYANT DES DEGRES ET/OU UN NOMBRE D'INSATURATIONS DIFFERENTS**
[72] SERRE, CHRISTIAN, FR
[72] VIMONT, ALEXANDRE, FR
[72] LLEWELLYN, PHILIP, FR
[72] CHANG JONG-SAN, KR
[72] HORCAJADA CORTES, PATRICIA, FR
[72] FEREY, GERARD, FR
[72] DATURI, MARCO, FR
[72] HWANG, YOUNG-KYU, KR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[73] UNIVERSITE DE CAEN-BASSE NORMANDIE, FR
[73] UNIVERSITE DE VERSAILLES-SAINT QUENTIN EN YVELINES, FR
[73] KOREA RESEARCH INSTITUTE OF CHEMICAL & TECHNOLOGY (KRICT), KR
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[54] **METHOD AND SYSTEM FOR REPUBLISHING MOBILE CONTENT**
[54] **PROCEDE ET SYSTEME DE REEDITION DE CONTENU MOBILE**
[72] LEBLANC, MICHAEL, CA
[72] GLIDDEN, JODY, US
[72] HUDSON, DAVID JAMES, CA
[72] O'REILLY, JACOB SAMUEL, CA
[73] BLACKBERRY LIMITED, CA
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[54] **MATELAS D'EVACUATION**
[72] KENALTY, CHRISTOPHER, CA
[72] GORDON, MIRIAM, CA
[73] KENALTY, CHRISTOPHER, CA
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[54] **MILIEU CONDITIONNE POUR CELLULES PROGENITEURS DU FOIE**
[72] HERRERA SANCHEZ, MARIA BEATRIZ, IT
[72] FONSATO, VALENTINA, IT
[72] TETTA, CIRO, IT
[72] CAMUSSI, GIOVANNI, IT
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[54] **MATERIAU ET SON PROCEDE DE PRODUCTION**
[72] MEHRABI, ALI R., US
[72] MEHRABI, REZA, US
[72] DE SANTOS AVILA, JUAN M., US
[72] HSIAO, JANET, US
[72] CHICA, FRANK, US
[73] AVERY DENNISON CORPORATION, US
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[54] **DISPOSITIF DE POSE A GUIDE CLIPSABLE**
[72] ORCHARD, BRIAN KEITH, CA
[73] PAN AMERICAN SCREW LLC, US
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[54] **MODULATORS OF THE PROSTACYCLIN (PGI2) RECEPTOR USEFUL FOR THE TREATMENT OF DISORDERS RELATED THERETO**
[54] **MODULATEURS DU RECEPTEUR DE LA PROSTACYCLINE (PGI2) UTILES POUR LE TRAITEMENT DE TROUBLES LIES A CELUI-CI**
[72] TRAN, THUY-ANH, US
[72] CHEN, WEICHAO, US
[72] KRAMER, BRYAN A., US
[72] SADEQUE, ABU J.M., US
[72] SHYFRYNA, HANNA L., US
[72] SHIN, YOUNG-JUN, US
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[72] ALLEN, JERRY, US
[73] WESCO EQUITY CORPORATION, US
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[54] **VACCIN CONTRE UN INTERMEDIAIRE DE REPLIEMENT DES AMYLOIDES**
[72] HOOGERHOUT, PETER, NL
[72] VAN DEN DOBBELSTEEN, GERARDA PETRONELLA JOHANNA MARIA, NL
[73] DE STAAT DER NEDERLANDEN, VERT. DOOR DE MINISTER VAN VWS, NL
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[54] **SYSTEME ET PROCEDES DE COMMANDE PAR LE WEB D'APPLICATIONS BUREAUTIQUES**
[72] NORDINE, TROY DOUGLAS, US
[72] MATZEK, BART, US
[72] DAUK, RICHARD N., US
[72] PARHAR, ANUDEEP, US
[73] THOMSON REUTERS GLOBAL RESOURCES, CH
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[54] **PROCEDE DE LUBRIFICATION D'UN SYSTEME HYDRAULIQUE DE TRACTEUR**
[72] ABRAHAM, WILLIAM D., US
[73] THE LUBRIZOL CORPORATION, US
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[54] **MARQUEURS MOLECULAIRES LIES A LA TOLERANCE AUX INHIBITEURS DE LA PPO DANS LE SOJA**
[72] KYLE, DONALD, US
[72] VOGT, MARK D., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
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[54] **TOLE D'ACIER BIPHASE LAMINEE A CHAUD, ET SON PROCEDE DE FABRICATION**
[72] SUN, WEIPING, US
[73] NUCOR CORPORATION, US
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[54] **DERIVES AMINOPHOSPHINIQUES UTILES DANS LE TRAITEMENT DE LA DOULEUR**
[72] ROQUES, BERNARD, FR
[72] PORAS, HERVE, FR
[72] FOURNIE-ZALUSKI, MARIE-CLAUDE, FR
[73] PHARMALEADS, FR
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[54] **PROCESSUS DE RECHARGE DE VEHICULES ELECTRIQUES DANS DES STATIONS DE RECHARGE GEOGRAPHIQUEMENT ESPACEES**
[72] NAGY, OLIVER, AT
[72] GUENER, REFI-TUGRUL, AT
[72] TOPLAK, ERWIN, AT
[73] KAPSCH TRAFFICCOM AG, AT
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[25] EN
[54] **TIME DOMAIN SPECTROSCOPY (TDS)-BASED METHOD AND SYSTEM FOR OBTAINING COINCIDENT SHEET MATERIAL PARAMETERS**
[54] **PROCEDE ET SYSTEME BASES SUR LA SPECTROSCOPIE TEMPORELLE (TDS) POUR OBTENIR DES PARAMETRES DE MATERIAU EN FEUILLE COINCIDENTS**
[72] DODGE, STEVEN, CA
[72] HARAN, FRANK MARTIN, CA
[72] JEZ, DAVID, CA
[72] MOUSAVI, PAYAM, CA
[73] HONEYWELL ASCA, INC., US
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[54] **METHOD FOR CORRECTING SLOW ROLL BY HEATING AND QUENCHING**
[54] **PROCEDE DE CORRECTION DE ROTATION LENTE PAR CHAUFFAGE ET REFROIDISSEMENT RAPIDE**
[72] KIKAGANESHWALA, YAGNESH, US
[72] FINLEY, WILLIAM, US
[73] SIEMENS INDUSTRY, INC., US
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[54] **IMPLEMENT HEIGHT ADJUSTER**
[54] **MECANISME D'AJUSTEMENT DE LA HAUTEUR D'UN INSTRUMENT ARATOIRE**
[72] WHALEN, PATRICK, US
[72] LITCHFIELD, DEREK, US
[73] WHALEN, PATRICK, US
[73] LITCHFIELD, DEREK, US
[86] (2732535)
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[25] EN
[54] **INHALER MECHANISMS WITH RADIALLY BIASED PIERCERS AND RELATED METHODS**
[54] **MECANISMES D'INHALATEURS AVEC EPERONS SOLLICITES RADIALEMENT ET PROCEDES ASSOCIES**
[72] RUCKDESCHEL, THOMAS W., US
[72] HARRIS, DAVID, GB
[73] ORIEL THERAPEUTICS, INC., US
[85] 2011-02-02
[86] 2009-09-25 (PCT/US2009/005321)
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[54] **ENTITES BIOLOGIQUES IMMOBILISEES**
[72] OSCARSON, STEFAN, SE
[72] LAHMANN, MARTINA, SE
[72] LEONTEIN, KARIN, SE
[72] VESTBERG, ROBERT, SE
[73] CARMEDA AB, SE
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[25] FR
[54] **DEVICE FOR PROCESSING PRODUCTS SUCH AS FRUITS OR VEGETABLES USING A CLEANING TROLLEY AS WELL AS THE CLEANING METHOD**
[54] **DISPOSITIF DE TRAITEMENT DE PRODUITS TELS QUE DES FRUITS OU LEGUMES A CHARIOT DE NETTOYAGE ET PROCEDE DE NETTOYAGE**
[72] BLANC, PHILIPPE, FR
[73] MAF AGROBOTIC, FR
[86] (2733120)
[87] (2733120)
[22] 2011-02-25
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[25] FR
[54] **DEVICE FOR PROCESSING PRODUCTS SUCH AS FRUITS OR VEGETABLES USING A HYDAULICALLY DRIVEN CLEANING TROLLEY AS WELL AS THE CLEANING METHOD**
[54] **DISPOSITIF DE TRAITMENT DE PRODUITS TELS QUE DES FRUITS OU LEGUMES A CHARIOT DE NETTOYAGE A ENTRAINEMENT HYDRAULIQUE ET PROCEDE DE NETTOYAGE**
[72] BLANC, PHILIPPE, FR
[73] MAF AGROBOTIC, FR
[86] (2733316)
[87] (2733316)
[22] 2011-02-25
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[51] **Int.Cl. B23Q 41/02 (2006.01) B65G 49/00 (2006.01)**
[25] EN
[54] **TRANSFER SYSTEM FOR A PRODUCTION LINE**
[54] **SYSTEME DE TRANSFERT POUR UNE CHAINE DE PRODUCTION**
[72] HULSLANDER, BRIAN, US
[73] NOBLE ENGINEERING COMPANY, INC., US
[86] (2736283)
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[25] EN
[54] **NUTRITIONAL SUPPORT TO PREVENT AND/OR MITIGATE BONE MARROW TOXICITY FROM A CANCEROUS TUMOR**
[54] **SOUTIEN NUTRITIONNEL POUR PREVENIR ET/OU ATTENUER LA TOXICITE SUR LA MOELLE OSSEUSE DUE A UNE TUMEUR CANCEREUSE**
[72] SCHIFFRIN, EDUARDO, CH
[72] MILLER, KEVIN BURKE, US
[72] BRASSART, DOMINIQUE, CH
[72] LANTZ, OLIVIER JACQUES, FR
[72] AMIGORENA, SEBASTIAN DIEGO, FR
[73] INSTITUT CURIE, FR
[73] NESTEC S.A., CH
[85] 2011-03-09
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[54] **SOLID OIL POWDERS**
[54] **POUDRES D'HUILE SOLIDE**
[72] MEZZENGA, RAFFAELE, CH
[72] ULRICH, STEPHANE, CH
[73] NESTEC S.A., CH
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[25] EN
[54] **WOUND DRESSING COMPRISING POLYMERIC FOAM MATRIX AND A HYDROPHILIC POLYSACCHARIDE DISPOSED THEREIN**
[54] **PANSEMENT COMPORTANT UNE MATRICE EN MOUSSE POLYMERIQUE ET UN POLYSACCHARIDE HYDROPHILE INTEGRE**
[72] ROSENBERG, LIOR, IL
[73] L.R.R.& D. LTD., IL
[85] 2011-03-31
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[51] **Int.Cl. G01L 27/00 (2006.01) G01P 21/00 (2006.01)**
[25] EN
[54] **DEVICE FOR CHECKING A FLOW PRESSURE MEASUREMENT PROBE, AND PROBE COMPRISING THE DEVICE**
[54] **DISPOSITIF DE VERIFICATION D'UNE SONDE DE PRESSION D'ECOULEMENT, ET SONDE AINSI EQUIPEE**
[72] LEBLOND, HENRI, FR
[72] GUICHARD, PHILIPPE, FR
[72] PINEAU, JEAN-PHILIPPE, FR
[73] THALES, FR
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[51] **Int.Cl. C08J 7/04 (2006.01) B32B 1/08 (2006.01) F16L 11/04 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR COATING PIPE**
[54] **PROCEDES ET COMPOSITIONS DE REVETEMENT DE CONDUITE**
[72] ERICSSON, JAN S., SE
[72] BRICKWEG, LUKE J., US
[73] UPONOR INNOVATION AB, SE
[85] 2011-04-04
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[25] EN
[54] **SYSTEM AND METHOD FOR DERIVING SEISMIC WAVE FIELDS USING BOTH RAY-BASED AND FINITE-ELEMENT PRINCIPLES**
[54] **SYSTEME ET PROCEDE DE DERIVATION DE CHAMPS D'ONDES SISMIQUES A L'AIDE DE PRINCIPES A LA FOIS A RAYONS ET PAR ELEMENTS FINIS**
[72] HILL, NORMAN ROSS, US
[73] CHEVRON U.S.A. INC., US
[85] 2011-04-05
[86] 2009-10-01 (PCT/US2009/059207)
[87] (WO2010/042384)
[30] US (12/246,301) 2008-10-06

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[51] **Int.Cl. E21B 47/00 (2012.01) G01N 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR CORRECTING THE MEASURED CONCENTRATIONS OF GAS COMPONENTS IN DRILLING MUD**
[54] **PROCEDE DE CORRECTION DES CONCENTRATIONS EN COMPOSANTS GAZEUX MESUREES DANS UNE BOUE DE FORAGE**
[72] HANSON, SCOTT A., US
[73] CHEVRON U.S.A. INC., US
[85] 2011-04-05
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[54] **SHARPS CONTAINER**
[54] **CONTENANT POUR OBJETS TRANCHANTS**
[72] ERICKSON, THOMAS E., US
[72] ERICKSON, JAMES R., US
[72] SAURO, THOMAS P., US
[73] ULTIMED, INC., US
[85] 2011-04-07
[86] 2009-10-08 (PCT/US2009/059935)
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[51] **Int.Cl. C01G 9/02 (2006.01) C09K 5/08 (2006.01)**
[25] EN
[54] **ZINC OXIDE PARTICLE, METHOD FOR PRODUCING IT, EXOERGIC FILLER, RESIN COMPOSITION, EXOERGIC GREASE AND EXOERGIC COATING COMPOSITION**
[54] **PARTICULES D'OXYDE DE ZINC, LEUR PROCEDE DE FABRICATION, CHARGE LIBERANT DE LA CHALEUR, COMPOSITION DE RESINE, GRAISSE LIBERANT DE LA CHALEUR ET COMPOSITION DE REVETEMENT LIBERANTDE LA CHALEUR**
[72] HASHIMOTO, MITSUO, JP
[72] HAKOZAKI, HIROSHI, JP
[73] SAKAI CHEMICAL INDUSTRY CO., LTD., JP
[85] 2011-04-08
[86] 2009-10-19 (PCT/JP2009/005445)
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[25] EN
[54] **NUTRITIONAL COMPOSITION TO PROMOTE HEALTHY DEVELOPMENT AND GROWTH**
[54] **COMPOSITION NUTRITIONNELLE DESTINEE A PROMOUVOIR UN DEVELOPPEMENT SAIN ET UNE CROISSANCE SAINE**
[72] ROSALES, FRANCISCO J., SG
[72] RAI, GYAN P., US
[72] MORRIS, KRISTIN, US
[72] BANAVARA, DATTATREYA, US
[72] HONDMANN, DIRK, US
[72] VAN TOL, ERIC, NL
[72] JOUNI, ZEINA E., US
[72] MCMAHON, ROBERT J., US
[72] SCHADE, DEBORAH A., US
[72] WALKER, DONALD CAREY, US
[73] MJN U.S. HOLDINGS LLC, US
[85] 2011-04-11
[86] 2009-10-23 (PCT/US2009/061792)
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[30] US (61/108,303) 2008-10-24
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[25] EN
[54] **RECLINING CHAIR WITH RESILIENT MEMBERS**
[54] **CHAISE INCLINABLE DOTEE D'ELEMENTS RESILIENTS**
[72] VAN HEKKEN, HENDRIK R., US
[73] KNOLL, INC., US
[86] (2740680)
[87] (2740680)
[22] 2011-05-20
[30] US (61/346,545) 2010-05-20

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[51] **Int.Cl. C07D 235/14 (2006.01) A61K 31/4184 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **SALTS OF ISOBUTYRIC ACID (1R*,2R*,4R*)-2-(2-{[3-(4,7-DIMETHOXY-1H-BENZOIMIDAZOL-2-YL)-PROPYL]-METHYL-AMINO}-ETHYL)-5-PHENYL-BICYCLO[2.2.2]OCT-5-EN-2-YL**
[54] **SELS DE L'ESTER DU (1R*,2R*,4R*)-2-(2-{[3-(4,7-DIMETHOXY-1H-BENZOIMIDAZOL-2-YL)-PROPYL]-METHYL-AMINO}-ETHYL)-5-PHENYL-BICYCLO[2.2.2]OCT-5-EN-2-YLE DE L'ACIDE ISOBUTYRIQUE**
[72] ABELE, STEFAN, CH
[72] COMBES, STEPHANIE, CH
[72] FUNEL, JACQUES-ALEXIS, CH
[72] HILPERT, KURT, CH
[72] HUBLER, FRANCIS, CH
[72] REICHENBAECHER, KATHARINA, CH
[72] RENNEBERG, DORTE, CH
[72] VON RAUMER, MARKUS, CH
[73] IDORSIA PHARMACEUTICALS LTD, CH
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[25] EN
[54] **PHENANTHROINDOLIZIDINE COMPOUND AND NF.KAPPA.B INHIBITOR CONTAINING SAME AS ACTIVE INGREDIENT**
[54] **COMPOSE DE PHENANTHROINDOLIZIDINE ET INHIBITEUR DE NF.KAPPA.B LE CONTENANT EN TANT QUE PRINCIPE ACTIF**
[72] IKEDA, TAKASHI, JP
[72] SAWADA, SEIGO, JP
[72] YAEGASHI, TAKASHI, JP
[72] MATSUZAKI, TAKESHI, JP
[72] HASHIMOTO, SHUSUKE, JP
[72] YAMAZAKI, RYUTA, JP
[73] KABUSHIKI KAISHA YAKULT HONSHA, JP
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[54] **INHIBITORS OF MITOSIS FOR INCREASING APOPTOSIS IN THERAPY**
[54] **INHIBITEURS DE LA MITOSE PERMETTANT D'AUGMENTER L'APOPTOSE EN THERAPIE**
[72] TUNQUIST, BRIAN J., US
[72] WALKER, DUNCAN H., US
[72] WOESSNER, RICHARD DONALD, US
[73] ARRAY BIOPHARMA INC., US
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[54] **STRAINER AND INSERT ASSEMBLY**
[54] **ASSEMBLAGE FILTRE ET INSERT**
[72] OROPALLO, ROBERT A., US
[72] OROPALLO, ANTHONY, US
[73] IPS CORPORATION, US
[86] (2741392)
[87] (2741392)
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[25] EN
[54] **FAIL-FREEZE DEVICE FOR POSITIONER**
[54] **DISPOSITIF D'IMMOBILISATION EN CAS DE PANNE POUR POSITIONNEUR**
[72] TONDOLO, FLAVIO, IT
[72] VALOTI, ROBERTO, IT
[73] STI SRL, IT
[86] (2742578)
[87] (2742578)
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[54] **INTUMESCENT COMPOSITION**
[54] **COMPOSITION INTUMESCENTE**
[72] WADE, ROBIN JOHN, GB
[73] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
[85] 2011-05-04
[86] 2009-11-06 (PCT/EP2009/064738)
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[25] EN
[54] **NEW PHYTOGENIC FOOD INDUSTRY PRODUCT AND COMPOSITIONS CONTAINING THEREOF**
[54] **PRODUIT ALIMENTAIRE A BASE DE SOJA ET COMPOSITIONS LE COMPRENANT**
[72] JEDNAKOVITS, ANDREA, HU
[72] SALGO, ANDRAS, HU
[72] SZILBEREKY, JENO, HU
[72] BARLA SZABO, GABOR, HU
[72] BARLA SZABO, GABORNE, HU
[73] FITOREX GROUP KFT., HU
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[51] **Int.Cl. G06Q 30/02 (2012.01)**
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[54] **ENGINE, SYSTEM AND METHOD FOR GENERATION OF BRAND AFFINITY CONTENT**
[54] **MOTEUR, SYSTEME ET PROCEDE POUR UNE GENERATION D'UN CONTENU D'AFFINITE A UNE MARQUE**
[72] STEELBERG, RYAN, US
[72] STEELBERG, CHAD, US
[73] VERITONE, INC., US
[85] 2011-05-04
[86] 2009-11-06 (PCT/US2009/063595)
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[51] **Int.Cl. B22F 7/06 (2006.01) C22C 1/05 (2006.01) C22C 29/08 (2006.01)**
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[54] **CEMENTED CARBIDE BODY AND METHOD**
[54] **CORPS EN CARBURE CIMENTE ET PROCEDE**
[72] ARVANITIDIS, IOANNIS, SE
[73] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[54] **PORTABLE POLYMER TESTER**
[54] **TESTEUR DE POLYMERE PORTATIF**
[72] BOOR, RICHARD, CA
[72] CISSE, LADJI, CA
[72] GUEROUT, FABRICE, CA
[73] ATOMIC ENERGY OF CANADA LIMITED, CA
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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/519 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **2, 5-DIAMINO-SUBSTITUTED PYRIDO [4, 3-D] PYRIMIDINES AS AUTOTAXIN INHIBITORS AGAINST CANCER**
[54] **PYRIDO[4,3-D]PYRIMIDINES 2,5-DIAMINO-SUBSTITUEES EN TANT QU'INHIBITEURS D'AUTOTAXINE CONTRE LE CANCER**
[72] SCHIEMANN, KAI, DE
[72] SCHULTZ, MELANIE, DE
[72] STAEHLE, WOLFGANG, DE
[72] KOBER, INGO, DE
[72] WIENKE, DIRK, DE
[72] KRIER, MIREILLE, DE
[73] MERCK PATENT GBMH, DE
[85] 2011-05-30
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[54] **MOUNTING DEVICE**
[54] **DISPOSITIF DE MONTAGE**
[72] COOPER, JERAMIE, US
[73] GAMBER-JOHNSON LLC, US
[86] (2746201)
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[22] 2011-07-13
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[25] EN
[54] **PRODUCTION OF CARBOXYLIC ACID ESTERS BY STRIPPING WITH ALCOHOL VAPOR**
[54] **PRODUCTION D'ESTERS D'ACIDE CARBOXYLIQUE PAR STRIPPAGE AVEC DE LA VAPEUR D'ALCOOL**
[72] PETERS, JARREN, DE
[72] DISTELDORF, WALTER, DE
[72] FRIESE, KATRIN, DE
[72] SCHAEFER, THOMAS, DE
[72] BEY, OLIVER, DE
[73] BASF SE, DE
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[54] **REVETEMENT DE SURFACES HYDROXYLEES PAR GREFFAGE EN PHASE GAZEUSE**
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[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[54] **PROCEDE ET APPAREIL DE FABRICATION D'UNE LENTILLE OPTIQUE**
[72] GOURRAUD, ALEXANDRE, FR
[73] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
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[54] **SYSTEME D'ADOUCISSEMENT DE L'EAU PAR NANOFILTRATION AFIN DE RECYCLER UNE PARTIE DU CHLORURE DE SODIUM DE REGENERATION**
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[54] **PROCEDE D'ANCRAGE D'UN CONNECTEUR, ET CONNECTEUR**
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[72] VALANCE, WILLIAM R., GB
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[54] **PROCEDE ET DISPOSITIF DE TRANSFERT SECURISE DE DONNEES NUMERIQUES**
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[72] SITBON, PASCAL, FR
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[54] **MATRICE RENFORCEE POUR LE CONTROLE DE L'EROSION ET SON APPLICATION**
[72] BREEN, JOHN T., US
[73] UNITED STATES GYPSUM COMPANY, US
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[54] **PROCEDE DE PRODUCTION D'ORTHOPHOSPHATE DE FER**
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[72] SCHWARZ, KILIAN, DE
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[54] **FOND DE TEINT EN POUDRE POUR LE TRAITEMENT DE L'ACNE**
[72] MALONEY, JOHN D., US
[72] BARGER, KATHERINE NATALIE, US
[73] EI INC., US
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[54] **APPARATUS AND METHOD FOR SELF-STABILIZED ROLLABLE LUGGAGE ASSEMBLY**
[54] **APPAREIL ET PROCEDE POUR ENSEMBLE BAGAGE ROULANT AUTO-STABILISE**
[72] HEROLD, JEFFREY, US
[73] WEST COAST TREND, INC., US
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[25] EN
[54] **USE OF A FOAMABLE COMPOSITION ESSENTIALLY FREE OF PHARMACEUTICALLY ACTIVE INGREDIENTS FOR THE TREATMENT OF HUMAN SKIN**
[54] **UTILISATION D'UNE COMPOSITION MOUSSANTE ESSENTIELLEMENT EXEMPTE D'INGREDIENTS PHARMACEUTIQUEMENT ACTIFS POUR LE TRAITEMENT DE LA PEAU HUMAINE**
[72] GRAUPE, KLAUS, DE
[72] STAEDTLER, GERALD, DE
[73] INTENDIS GMBH, DE
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[54] **IDENTIFYING A SELF-POWERED DEVICE CONNECTED TO A MEDICAL DEVICE**
[54] **IDENTIFICATION D'UN DISPOSITIF AUTOALIMENTE CONNECTE A UN DISPOSITIF MEDICAL**
[72] LEVIN, ROLAND, US
[73] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
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[54] **USE OF APL-TYPE PEPTIDE FOR TREATING INTESTINAL INFLAMMATORY DISEASES AND TYPE 1 DIABETES**
[54] **UTILISATION DE PEPTIDE DE TYPE APL POUR LE TRAITEMENT DE MALADIES INFLAMMATOIRES INTESTINALES ET POUR LE DIABETE DE TYPE I**
[72] BARBERA BETANCOURT, ARIANA, CU
[72] DOMINGUEZ HORTA, MARIA DEL CARMEN, CU
[72] LORENZO PEREZ, NORAILYS, CU
[72] PADRON PALOMARES, GABRIEL RAMON, CU
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[72] RIGGS-SAUTHIER, JENNIFER, US
[73] NEKTAR THERAPEUTICS, US
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[72] GODFREY, GRAHAM, GB
[72] KEOGH, ANDREW JOSEPH, AU
[72] JACKSON, GRAHAM MAUDSLAY, GB
[72] CHILVER, IAN, GB
[73] MONDELEZ UK HOLDINGS & SERVICES LIMITED, GB
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[54] **RESEAU D'ANTENNES DE POSITIONNEMENT A DECALAGE VARIABLE PERMETTANT LE GUIDAGE AMELIORE DE VEHICULES GUIDES AUTOMATISES (AGV)**
[72] BARWICK, STOTT, US
[72] SWASEY, MERIN, US
[72] BEENY, LANCE, US
[72] PETERSEN, JOHN, A.M., US
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[54] **LABEL FILM FOR DEEP DRAWING PROCESSES**
[54] **FEUILLE D'ETIQUETTES POUR PROCEDE PAR EMBOUTISSAGE PROFOND**
[72] TEWS, WILFRID, DE
[72] DUEPRE, YVONNE, DE
[73] TREOFAN GERMANY GMBH & CO. KG, DE
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[54] **COPOLYMERE POUR L'INHIBITION DES DEPOTS INORGANIQUES**
[72] ADAM, HERVE, US
[72] LABARRE, DOMINIQUE, FR
[72] WILSON, JAMES, FR
[72] ARGILLIER, JEAN-FRANCOIS, FR
[72] BAZIN, BRIGITTE, FR
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[54] **SYSTEME MEDICAL ET PROCEDE PERMETTANT D'ASSURER LA REGULATION DE LA GLYCEMIE SUR LA BASE D'INFORMATIONS RELATIVES A LA REPONSE GLYCEMIQUE**
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[72] KOHLI, AMIT, FR
[73] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
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[54] **CAPTEUR POUR MESURER LA CONCENTRATION D'UN SOLVANT OU D'UN SOLUTE DANS UN SYSTEME MIXTE EN SOLUTION**
[72] SHEN, JUN, CA
[72] GU, CAIKANG (ELTON), CA
[72] ZHANG, JIUJUN, CA
[72] WILKINSON, DAVID P., CA
[72] WANG, HAIJIANG, CA
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[54] **DRIVE DEVICE OF A REGULATION VALVE FOR CASTING LIQUID METAL**
[54] **DISPOSITIF D'ENTRAINEMENT D'UNE VALVE DE REGULATION POUR LA COULEE DE METAL LIQUIDE**
[72] BOISDEQUIN, VINCENT, BE
[72] BUTTS, JEFFREY, US
[72] QUINN, JASON, US
[73] VESUVIUS GROUP S.A., BE
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[54] **METHOD AND SYSTEM FOR ADJUSTING THE FLOW RATE OF CHARGE MATERIAL IN A CHARGING PROCESS OF A SHAFT FURNACE**
[54] **PROCEDE ET SYSTEME PERMETTANT D'AJUSTER LE DEBIT D'UN MATERIAU DE CHARGE LORS D'UN PROCESSUS DE CHARGE D'UN FOUR VERTICAL**
[72] TOCKERT, PAUL, LU
[72] BREDEN, EMILE, LU
[72] LONARDI, EMILE, LU
[72] MEYER, DAMIEN, FR
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[54] **CONFIGURATION D'AIMANT MODIFIABLE POUR SOURCES DE VAPORISATION A ARC**
[72] KRASSNITZER, SIEGFRIED, AT
[72] HAGMANN, JUERG, CH
[72] GSTOEHL, OLIVER, LI
[73] OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON, CH
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[54] **SYSTEME ET PROCEDE SERVANT A ACCEDER A UNE STRUCTURE EN UTILISANT UN DISPOSITIF MOBILE**
[72] ROBERTSON, WILLIAM BENJAMIN, US
[72] BARDEN, ROBERT P., US
[73] YIKES, LLC, US
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[54] **IDENTIFICATION DE FORME EXTRACELLULAIRE DE PTEN QUI PEUT ETRE UTILISEE POUR TRAITER DES TUMEURS**
[72] PARSONS, RAMON, US
[73] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
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[54] **CHAINING ANIMATIONS**
[54] **ENCHAINEMENT D'ANIMATIONS**
[72] GEISNER, KEVIN, US
[72] MARKOVIC, RELJA, US
[72] LATTA, STEPHEN GILCHRIST, US
[72] SNOOK, GREGORY NELSON, EC
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **METHODS FOR THE DETECTION AND IDENTIFICATION OF EXTENDED SPECTRUM BETA LACTAMASES**
[54] **PROCEDES POUR LA DETECTION ET L'IDENTIFICATION DE BETA LACTAMASES A SPECTRE ETENDU**
[72] LIPPE, CATHERINE, CA
[72] DUTEAUD, ISABELLE, CA
[72] ROGER-DALBERT, CELINE, CA
[73] BECTON DICKINSON INFUSION THERAPY SYSTEMS INC., US
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[54] **POUDRE GRANULEE CONTENANT DES PROTEINES VEGETALES ET DES FIBRES, LEUR PROCEDE D'OBTENTION ET LEURS UTILISATIONS**
[72] BOURSIER, BERNARD, FR
[72] PASSE, DAMIEN, FR
[73] ROQUETTE FRERES, FR
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[54] **DISPOSITIFS MEDICAUX INCORPORANT DES ADHESIFS FONCTIONNELS**
[72] LADET, SEBASTIEN, FR
[72] GRAVAGNA, PHILIPPE, FR
[73] SOFRADIM PRODUCTION, FR
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[54] **FABRICATION D'UNE GRILLE FILTRANTE**
[72] BAILEY, MARSHALL GRAHAM, GB
[73] AXIOM PROCESS LIMITED, GB
[85] 2011-08-22
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[54] **A SYSTEM, METHOD, AND PROGRAM PRODUCT FOR MANAGING A COLLECTIVE INVESTMENT VEHICLE INCLUDING A TRUE-UP OPERATION**
[54] **SYSTEME, METHODE ET PRODUIT DE PROGRAMME POUR LA GESTION D'UN VEHICULE D'INVESTISSEMENT COLLECTIF COMPRENANT UNE OPERATION D'EGALISATION**
[72] KUHNLE, PAUL E., US
[72] SIMON, GEORGE T., US
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[72] CRISCITELLO, MARK S., US
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[73] ARDEA BIOSCIENCES, INC., US
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[54] **SYSTEME ET PROCEDE DE SYNCHRONISATION DE RECEPTION DE RELAIS**
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[72] WOMACK, JAMES EARL, US
[73] BLACKBERRY LIMITED, CA
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[72] MARIMAN, NATHAN A., US
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[54] **SYSTEME D'ADDITIFS POUR LA PREPARATION D'ENROBE TIEDE A USAGE ROUTIER A BASE DE SURFACTANT DE TYPE AMINE**
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[72] THORNTON, JOHN, IE
[73] COLAS, FR
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[54] **MECANISMES DE SIGNALISATION POUR INTERFACE DE RELAIS DE RESEAU AVEC SURDEBIT LIMITE**
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[72] GAN, JIANSONG, CN
[72] HU, YANG, CN
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[54] **DISPOSITIFS MEDICAUX PARTIELLEMENT IMPLANTABLES, CARTOUCHES DE FLUIDE POUR UTILISATION AVEC CEUX-CI ET APPAREIL ET PROCEDES ASSOCIES**
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[54] **PROCEDE DE PREPARATION DE DI (ALKYLCARBONATE) DE DIANHYDROHEXITOL**
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[72] IBERT, MATHIAS, FR
[72] JOSIEN, EMILIE, FR
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[72] ARICO, FABIO, IT
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[54] **DERIVES DE THIAZOLE ET LEUR UTILISATION COMME ANTAGONISTES DES RECEPTEURS P2Y12**
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[54] **PROCEDE ET APPAREIL DESTINES A TRANSMETTRE ET A RECEVOIR DES DONNEES SECURISEES ET NON SECURISEES**
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[72] RODGERS, KEVIN MICHAEL, US
[72] MCGUIRE, KENNETH STEPHEN, US
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[73] ALCON RESEARCH, LTD., US
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[54] **COMPOSES COMME ANTAGONONISTES DE BRADYKININE B1**
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[72] CECI, ANGELO, DE
[72] DOODS, HENRI, DE
[72] KONETZKI, INGO, DE
[72] MACK, JUERGEN, DE
[72] PRIEPKE, HENNING, DE
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[54] **PROCEDES POUR AMELIORER L'EFFICACITE DE CATALYSEURS D'EPOXYDATION A PROMOTEUR RHENIUM ET PROCEDES D'EPOXYDATION UTILISANT CES PROCEDES**
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[72] ZHANG, LIPING, US
[73] DOW TECHNOLOGY INVESTMENTS LLC, US
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[54] **AGENCEMENT PERMETTANT DE BRULER LES GAZ RESIDUELS DE HAUT FOURNEAU PROVENANT D'UNE VANNE DE DEGAZAGE ET VANNE DE DEGAZAGE CORRESPONDANTE**
[72] SIMOES, JEAN-PAUL, LU
[72] LOUTSCH, JEANNOT, LU
[72] HAUSEMER, LIONEL, LU
[73] PAUL WURTH S.A., LU
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[25] EN
[54] **METHOD AND APPARATUS FOR COOLING A GASEOUS HYDROCARBON STREAM**
[54] **PROCEDE ET APPAREIL DE REFROIDISSEMENT D'UN FLUX D'HYDROCARBURES GAZEUX**
[72] VAN DE LISDONK, CAROLUS ANTONIUS CORNELIS, NL
[72] MEIRING, WOUTER JAN, NL
[72] KLEIN NAGELVOORT, ROBERT, NL
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[25] EN
[54] **USE OF DELTA-TOCOPHERYL-CARBOHYDRATE AS A DEPIGMENTING AGENT**
[54] **UTILISATION DE DELTA-TOCOPHERYL-CARBOHYDRATE EN TANT QU'AGENT DE DEPIGMENTATION**
[72] POIGNY, STEPHANE, FR
[72] BELAUBRE, FRANCOISE, FR
[72] SAURAT, JEAN-HILAIRE, CH
[72] SORG, OLIVIER, CH
[72] KASRAEE, BEHROOZ, CH
[73] PIERRE FABRE DERMO-COSMETIQUE, FR
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[54] **MODIFICATION DU GENOME D'UN BACTERIOPHAGE LYTIQUE PAR IMMOBILISATION DUDIT BACTERIOPHAGE DANS SA BACTERIE HOTE**
[72] POUILLOT, FLAVIE, FR
[72] IRIS, FRANCOIS, FR
[73] PHERECYDES PHARMA, FR
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[54] **PROCEDE ET DISPOSITIF DE MESURE TRIDIMENSIONNELLE D'UN OBJET**
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[54] **PROCEDE POUR LA PREPARATION D'UNE COMPOSITION COMPORTANT DE L'ACIDE MESO-TARTRIQUE**
[72] BAKKENES, HENDRIKUS WILHELMUS, NL
[72] BERGEVOET, ROBERTO ALOYSIUS GERARDUS MARIA, NL
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[54] **SYSTEME, CAPSULE ET PROCEDE POUR PREPARER UNE QUANTITE PREDETERMINEE DE BOISSON**
[72] WONG, KON EUAN GERARD, AU
[72] BRANDT, GUIDO, AU
[72] KOELING, HENDRIK CORNELIS, NL
[72] KAMERBEEK, RALF, NL
[72] BIESHEUVEL, AREND CORNELIS JACOBUS, NL
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[54] **SYSTEME DE GESTION DE CHAUFFE-EAU COTE DEMANDE**
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[54] **ENSEMBLE DE PROTECTION D'UN ARTICLE CONTRE LE VOL**
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[54] **RECEPTACLE AVEC SOUPAPES**
[72] CUZYDLO, MICHAEL, US
[73] PIRAMAL CRITICAL CARE, INC., US
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[54] **SPHINGOSINE-CONJUGATED OLIGONUCLEOTIDES**
[54] **OLIGONUCLEOTIDES CONJUGUES A LA SPHINGOSINE**
[72] JIMENEZ, ANA ISABEL, ES
[72] GRIJALVO, SANTIAGO, ES
[72] MARTINEZ, TAMARA, ES
[72] AVINO, ANNA, ES
[72] CAMINAL, CLARA, ES
[72] ERITJA, RAMON, ES
[72] PANIZO, GEMA, ES
[73] SYLENTIS S.A.U., ES
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[54] **FORME GALENIQUE EXTRUDEE A CHAUD A LIBERATION CONTROLEE**
[72] BARNSCHEID, LUTZ, DE
[72] GALIA, ERIC, DE
[73] GRUENENTHAL GMBH, DE
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[54] **GLUCIDES MEDICAUX POUR TRAITEMENT D'ETATS RESPIRATOIRES**
[72] JIN, BETTY, AU
[72] JONES, PAUL ARTHUR, AU
[72] SEAH, EE LING, AU
[72] WU, WEN YANG, AU
[72] JENKINS, PETER JAMES, AU
[73] AUSTRALIAN BIOMEDICAL COMPANY PTY LTD, AU
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[54] **RECOVERY OF BUTANOL FROM A MIXTURE OF BUTANOL, WATER, AND AN ORGANIC EXTRACTANT**
[54] **RECUPERATION DU BUTANOL D'UN MELANGE DE BUTANOL, D'EAU ET D'UN EXTRACTANT ORGANIQUE**
[72] XU, YIHUI TOM, US
[72] PARTEN, WILLIAM D., US
[73] BUTAMAX(TM) ADVANCED BIOFUELS LLC, US
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[54] **NOVEL 2,3-DIHYDRO-1H-IMIDAZO(1,2-A)PYRIMIDIN-5-ONE DERIVATIVES, PREPARATION THEREOF, AND PHARMACEUTICAL USE THEREOF**
[54] **NOUVEAUX DERIVES DE 2,3-DIHYDRO-1H-IMIDAZO{1,2-A}PYRIMIDIN-5-ONE, LEUR PREPARATION ET LEUR UTILISATION PHARMACEUTIQUE**
[72] BROLLO, MAURICE, FR
[72] CLAUSS, ANNIE, FR
[72] EL AHMAD, YOUSSEF, FR
[72] FILOCHE-ROMME, BRUNO, FR
[72] HALLEY, FRANK, FR
[72] KARLSSON, KARL ANDREAS, FR
[72] MARCINIAK, GILBERT, FR
[72] RONAN, BAPTISTE, FR
[72] SCHIO, LAURENT, FR
[72] VIVET, BERTRAND, FR
[72] VIVIANI, FABRICE, FR
[72] ZIMMERMANN, ANDRE, FR
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[54] **FLUORINATED DERIVATIVES OF 3-HYDROXYPYRIDIN-4-ONES**
[54] **DERIVES FLUORES DE 3-HYDROXYPYRIDIN-4-ONES**
[72] LEUNG-TOUNG, REGIS, CA
[72] N'ZEMBA, BLAISE, CA
[72] PREMYSLOVA, MARINA, CA
[72] SHAH, BIRENKUMAR, CA
[72] TAM, TIM FAT, CA
[72] WANG, YINGSHENG, CA
[72] WODZINSKA, JOLANTA MARIA, CA
[72] XIN, TAO, CA
[72] ZHAO, YANQING, CA
[73] APOTEX TECHNOLOGIES INC., CA
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[54] **SAMPLE IMAGING SYSTEM AND METHOD FOR TRANSMITTING AN IMAGE OF CELLS OR TISSUES LOCATED IN A CULTURING SPACE TO DATA PROCESSING MEANS**
[54] **SYSTEME D'IMAGERIE D'ECHANTILLONS ET PROCEDE DE TRANSMISSION A UN MOYEN INFORMATIQUE D'UNE IMAGE DE CELLULES OU DE TISSUS SITUES DANS UN ESPACE DE CULTURE**
[72] PRIBENSZKY, CSABA, HU
[72] MOLNAR, MIKLOS, HU
[73] VITROLIFE A/S, DK
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[73] STATOIL PETROLEUM AS, NO
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[54] **EXTRUDATS PROTEIQUES AMORPHES**
[72] SOLORIO, SANTIAGO, US
[73] SOLAE, LLC, US
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[54] **PRODUIT DE DEPOLLUTION D'UN FLUIDE ET PROCEDE D'OBTENTION**
[72] DIOUM, SERIGNE, FR
[73] DIOUM, SERIGNE, FR
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[54] **A PYROLYSIS PROCESS FOR DECOMPOSING RUBBER PRODUCTS**
[54] **PROCEDE DE PYROLYSE POUR DECOMPOSER DES PRODUITS EN CAOUTCHOUC**
[72] ALI, MAZLAN, MY
[72] MOHD SHARIFF, SITI FATIMAH, MY
[72] WEBB, CHRISTOPHER JOHN, GB
[73] 2198725 ONTARIO INC., CA
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[54] **FREIN A DISQUE A COMMANDE PNEUMATIQUE OU ELECTROMECANIQUE**
[72] CAMILO-MARTINEZ, JOSE, DE
[72] KLINGNER, MATTHIAS, DE
[72] TRIMPE, ROBERT, DE
[73] KNORR-BREMSE SYSTEME FUER NUTZFAHRZEUGE GMBH, DE
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[54] **METHOD AND KIT FOR DETECTION OF LIVE MICROORGANISMS**
[54] **PROCEDE ET NECESSAIRE POUR LA DETECTION DE MICROORGANISMES VIVANTS**
[72] SOEJIMA, TAKASHI, JP
[72] SCHLITT-DITTRICH, FRANK, JP
[73] MORINAGA MILK INDUSTRY CO., LTD., JP
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[54] **COMPOSITIONS COMPRISING SULFONATED ESTOLIDES AND ALKYL ESTER SULFONATES, METHODS OF MAKING THEM, AND COMPOSITIONS AND PROCESSES EMPLOYING THEM**
[54] **COMPOSITIONS COMPRENANT DES ESTOLIDES SULFONES ET DES SULFONATES D?ESTER D?ALKYLE, PROCEDES DE PREPARATION DE CELLES-CI, ET COMPOSITIONS ET PROCEDES UTILISANT CELLES-CI**
[72] BERNHARDT, RANDAL J., US
[72] ALONSO, LOURDES R., US
[72] DADO, GREGORY P., US
[72] FILIPOVIC, EDDIE L., US
[72] GARIEPY, CHRISTOPHER A., US
[72] MASTERS, RONALD A., US
[72] MURPHY, DENNIS S., US
[72] PYTEL, JACQUELINE MAAS, US
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[73] STEPAN COMPANY, US
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[54] **PROCEDE DE FABRICATION DE VITRAGE ISOLANT**
[72] SCHULER, PETER, DE
[73] BYSTRONIC LENHARDT GMBH, DE
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[54] **UTILISATION D'UNE PROTEINE MIMECAN POUR EVALUER UNE INSUFFISANCE CARDIAQUE**
[72] BLOCK, DIRK, DE
[72] HESS, GEORG, DE
[72] HUEDIG, HENDRIK, DE
[72] WIENHUES-THELEN, URSULA-HENRIKE, DE
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[72] LIU, PETER, CA
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[54] **LIGAMENT PROTHETIQUE POUR FIXATION TRANSVERSALE ET PROCEDE DE CONFECTION**
[72] BRULEZ, BERNARD, FR
[72] LABOUREAU, JACQUES-PHILIPPE, FR
[73] LABORATOIRE D'APPLICATION ET DE RECHERCHE SCIENTIFIQUE - LARS, FR
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[72] COX, STEPHEN JOHN, GB
[72] HAMILTON, ROBERT JOHN, GB
[72] GARDNER, CHRISTOPHER, GB
[73] PANDROL LIMITED, GB
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[25] EN
[54] **PRODUCT COMPRISING MAGNESIUM PYROPHOSPHATE AND THE USE THEREOF AS A LEAVENING ACID FOR PRODUCING BAKED GOODS**
[54] **PRODUIT CONTENANT DU PHOSPHATE DE MAGNESIUM ET SON UTILISATION COMME ACIDE DE LEVAIN POUR LA PREPARATION DE PRODUITS DE BOULANGERIE**
[72] BOUCHAIN, WOLFGANG, DE
[72] MARKMANN, JOACHIM, DE
[72] SCHNEE, RAINER, DE
[72] WISSEMBORSKI, RUEDIGER, DE
[73] CHEMISCHE FABRIK BUDENHEIM KG, DE
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[54] **METHOD FOR SEISMIC SURVEYING USING WIDER LATERAL SPACING BETWEEN SOURCES TO IMPROVE EFFICIENCY**
[54] **METHODE D'EXPLORATION SISMIQUE UTILISANT UN ESPACEMENT LATERAL ACCRU ENTRE LES EMETTEURS POUR AMELIORER L'EFFICIENCE DU PROCEDE**
[72] CAMBOIS, GUILLAUME, NO
[72] MYRVOLD, ORJAN, SG
[73] PGS GEOPHYSICAL AS, NO
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[54] **CANCER STEM CELL-TARGETED AND DRUG RESISTANT CANCER THERAPY**
[54] **THERAPIE CIBLEE SUR DES CELLULES SOUCHES CANCEREUSES ET CONTRE UN CANCER PHARMACORESISTANT**
[72] BURGER, ANGELIKA, US
[73] KOMINOX, INC., KY
[85] 2012-02-27
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[54] **PRESENTING INFORMATION AT ONE OR MORE MOBILE COMMUNICATION DEVICES IN A TRANSPORTATION NETWORK**
[54] **PRESENTATION DE L'INFORMATION A UN DISPOSITIF DE COMMUNICATION MOBILE OU PLUS DANS UN RESEAU DE TRANSPORT**
[72] FROEBERG, PETER LEROY, US
[72] SMARTT, BRIAN ERIC, US
[73] BLACKBERRY LIMITED, CA
[86] (2773208)
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[54] **DRILL BIT FOR EARTH BORING**
[54] **FORET POUR FOREUSE**
[72] JONES, MARK L., US
[72] CURRY, KENNETH M., US
[73] ATLAS COPCO SECOROC LLC, US
[85] 2012-03-06
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[54] **RADOME ET DISPOSITIF DE FIXATION DE CE RADOME A UN AERONEF**
[72] DAZET, FRANCIS, FR
[73] AIRBUS OPERATIONS (S.A.S.), FR
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[54] **VENTOUSE ELECTROMAGNETIQUE COMPORTANT UNE SOURCE LUMINEUSE**
[72] LEVY, FRANCOIS, FR
[73] CDVI GROUP, FR
[85] 2012-03-09
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[25] EN
[54] **PLASTIC RECLAIMED FROM INFECTIOUS MEDICAL WASTE AND MEDICAL DEVICES MANUFACTURED THEREFROM**
[54] **MATIERE PLASTIQUE RECUPEREE A PARTIR DE DECHETS MEDICAUX INFECTIEUX ET DISPOSITIFS MEDICAUX FABRIQUES A PARTIR DE CELLE-CI**
[72] JI, RICHARD, US
[72] MCCORD, KEN, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2012-03-12
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[54] **SYSTEME MODULAIRE POUR CENTRE DE TRAITEMENT DE L'INFORMATION**
[72] CZAMARA, MICHAEL P., US
[72] MORALES, OSVALDO P., US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2012-03-14
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[54] **MILD, FOAMING LIQUID CLEANSERS COMPRISING LOW LEVELS OF FATTY ISETHIONATE PRODUCT AND LOW TOTAL FATTY ACID AND/OR FATTY ACID SOAP CONTENT**
[54] **AGENTS NETTOYANTS LIQUIDES MOUSSANTS DOUX COMPRENANT DE FAIBLES TAUX DE PRODUITS A BASE D'ISETHIONATE D'ACIDE GRAS ET UNE FAIBLE TENEUR EN ACIDE GRAS TOTAL ET/OU SAVON A BASE D'ACIDE GRAS**
[72] TSAUR, LIANG SHENG, US
[72] VILLA, VIRGILIO BARBA, US
[73] UNILEVER PLC, GB
[85] 2012-03-15
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[25] FR
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[54] **CHAMBRE DE COMBUSTION DE TURBOMACHINE AERONAUTIQUE AVEC TROUS DE COMBUSTION DE CONFIGURATIONS DIFFERENTES**
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[72] HOWE, CHRISTOPHER A., AU
[72] JOHNSON, BRICE A., US
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[73] PLASTIPACK LIMITED, GB
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[72] LARZUL, DAVID, FR
[72] BAUDET, PATRICK, FR
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[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[54] **PROCEDE DE MOULAGE PAR COMPRESSION ET PIECES THERMOPLASTIQUES RENFORCEES AINSI MOULEES**
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[54] **NOYAU FEUILLETE POUR PALIER MAGNETIQUE ET PROCEDE DE FABRICATION D'UN TEL NOYAU**
[72] VANDE SANDE, HANS, BE
[72] PHILIPPI, CORNELIS THEODORUS, BE
[72] PAHNER, UWE, BE
[72] DEMEULENAERE, BRAM EUGENE G., BE
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[72] DUMONT, JEAN-FRANCOIS, FR
[72] LEFORT, MARC, FR
[73] AIRBUS OPERATIONS SAS, FR
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[54] **GESTION DE CONNEXION A UN RESEAU DE DONNEES POUR COMMUNICATION MOBILE EN FONCTION D'EMPLACEMENT D'UTILISATEUR**
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[72] SONG, OSOK, US
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[54] **ELEMENT DE FORMATION D'IMAGE ELECTROSTATIQUE ET METHODE D'UTILISATION**
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[72] CHOI, YUN SEOK, CA
[72] LAUSTSEN, SOREN, CA
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[54] **PROCEDE DE FABRICATION D'UN INSERT DE FORME DROITE EN MATERIAU COMPOSITE A MATRICE METALLIQUE**
[72] FRANCHET, JEAN-MICHEL PATRICK MAURICE, FR
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[54] **APPAREIL DE FIXATION DE RAIL DE VOIE FERREE**
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[72] PORRILL, JOHN PHILLIP, GB
[72] ADEDIPE, ANTHONY, GB
[72] LLOYD, NICHOLAS, GB
[73] PANDROL LIMITED, GB
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[72] HOESS, EVA, DE
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[73] HIRAM (WA) PTY LTD, AU
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[72] TAKIGUCHI, MASATO, JP
[72] MATSUOKA, TAKASHI, JP
[73] NATIONAL UNIVERSITY CORPORATION TOTTORI UNIVERSITY, JP
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[73] EATON ELECTRICAL IP GMBH & CO. KG, DE
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[72] BRULL, DAVID, BE
[72] FRERE, ROBERT, BE
[72] NOEEL, EMMANUEL, BE
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[54] **LIT DE SOINS DE LONGUE DUREE**
[72] KAY, NORMAN A., CA
[72] JOHNSON, ANDREW PETER, CA
[72] DESOUSA, DANIEL, CA
[73] DRIVE MEDICAL DESIGN & MFG., US
[86] (2788233)
[87] (2788233)
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[30] US (13/223,507) 2011-09-01

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[54] **METHOD AND DEVICE FOR PRODUCING A DRAINAGE ELEMENT AND DRAINAGE ELEMENT PRODUCED THEREBY**
[54] **PROCEDE ET DISPOSITIF POUR PRODUIRE UN ELEMENT DE DRAINAGE ET ELEMENT DE DRAINAGE PRODUIT PAR LEDIT PROCEDE**
[72] ANDERSSON, JAN, SE
[73] MDT MARK O DRANERINGSTEKNIK HOLDING AKTIEBOLAG, SE
[85] 2012-07-30
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[30] SE (1050117-9) 2010-02-05

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[51] **Int.Cl. G01S 15/89 (2006.01) A61B 8/00 (2006.01)**
[25] EN
[54] **ULTRASOUND IMAGING SYSTEM USING BEAMFORMING TECHNIQUES FOR PHASE COHERENCE GRATING LOBE SUPPRESSION**
[54] **SYSTEME D'IMAGERIE ULTRASONORE METTANT EN □UVRE DES TECHNIQUES DE FORMATION DE FAISCEAUX POUR LA SUPPRESSION DE LOBES DE RESEAU DE COHERENCE DE PHASE**
[72] BROWN, JEREMY, CA
[72] ADAMSON, ROBERT, CA
[72] TORBATIAN, ZAHRA, CA
[72] BANCE, MANOHAR, CA
[73] DALHOUSIE UNIVERSITY, CA
[85] 2012-08-07
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[51] **Int.Cl. A47C 27/15 (2006.01) B29C 39/02 (2006.01)**
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[54] **CUSHION PAD AND METHOD FOR MANUFACTURING THE SAME**
[54] **COUSSIN-GALETTE ET SON PROCEDE DE FABRICATION**
[72] KONDO, SATOSHI, JP
[73] INOAC CORPORATION, JP
[85] 2012-08-15
[86] 2011-02-18 (PCT/JP2011/053464)
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[25] EN
[54] **RADAR SYSTEM AND METHOD OF MANUFACTURING SAME**
[54] **SYSTEME RADAR ET SON PROCEDE DE FABRICATION**
[72] CHOWDHURY, SAZZADUR, CA
[73] UNIVERSITY OF WINDSOR, CA
[85] 2012-08-16
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[54] **METHOD OF MAKING NICKEL STRIP**
[54] **PROCEDE DE PRODUCTION DE BANDES DE NICKEL**
[72] STUTH, THEODOR, DE
[73] STUTH, THEODOR, DE
[85] 2012-08-30
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[54] **COMPOSITIONS FOR ENDODONTIC INSTRUMENTS**
[54] **COMPOSITIONS POUR INSTRUMENTS ENDODONTIQUES**
[72] BERGER, TODD, US
[73] DENTSPLY INTERNATIONAL INC., US
[85] 2012-09-05
[86] 2011-03-11 (PCT/US2011/028031)
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[25] EN
[54] **BLISTER SHEET LOADING APPARATUS WITH BOUNCE PREVENTION MEANS**
[54] **APPAREIL DE CHARGEMENT DE PLAQUETTES ALVEOLEES AVEC MOYENS D'EVITEMENT DE REBONDISSEMENT**
[72] KNOTH, NORMAN D., US
[73] MANREX PTY. LTD, AU
[73] QEM INC., US
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[54] **ENDOSCOPIC ULTRASOUND-GUIDED BIOPSY NEEDLE**
[54] **AIGUILLE ENDOSCOPIQUE A BIOPSIE GUIDEE PAR ULTRASONS**
[72] SCHEMBRE, DREW B., US
[72] CLANCY, MICHAEL S., IE
[72] CHMURA, KEVIN, US
[73] COOK MEDICAL TECHNOLOGIES LLC, US
[85] 2012-09-07
[86] 2011-04-04 (PCT/US2011/031048)
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[25] EN
[54] **METHOD OF MODIFYING RENDERED ATTRIBUTES OF LIST ELEMENTS IN A USER INTERFACE**
[54] **METHODE DE MODIFICATION D'ATTRIBUTS DE RENDU DES ELEMENTS D'UNE LISTE SUR UNE INTERFACE UTILISATEUR**
[72] MANSSON, ERIK MAGNUS, SE
[72] KENNARD, GLENN ERIC, SE
[72] TROBRO, NILS FREDRIK, SE
[73] BLACKBERRY LIMITED, CA
[86] (2792685)
[87] (2792685)
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[25] EN
[54] **HYDROGEN AND NITROGEN RECOVERY FROM AMMONIA PURGE GAS**
[54] **RECUPERATION D'HYDROGENE ET D'AZOTE A PARTIR D'UN GAZ PURGE CONTENANT DE L'AMMONIAC**
[72] OSTUNI, RAFFAELE, IT
[72] FILIPPI, ERMANNO, CH
[72] SKINNER, GEOFFREY FREDERICK, GB
[73] CASALE SA, CH
[85] 2012-09-12
[86] 2010-05-17 (PCT/EP2010/056753)
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[25] EN
[54] **METHODS AND COMPOSITIONS USING 4-(AMINO)-2-(2,6-DIOXO(3-PIPERIDYL))-ISOINDOLINE-1,3-DIONE FOR TREATMENT AND MANAGEMENT OF MULTIPLE MYELOMA**
[54] **METHODES ET COMPOSITIONS COMPRENANT DE LA 4-(AMINO)-2-(2,6-DIOXO(3-PIPERIDYL))-ISOINDOLINE-1,3-DIONE POUR LE TRAITEMENT ET LA GESTION DE MYELOMES MULTIPLES**
[72] ZELDIS, JEROME B., US
[73] CELGENE CORPORATION, US
[86] (2794060)
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[25] EN
[54] **SYSTEM, ASSEMBLY AND METHOD FOR PORT CONTROL**
[54] **SYSTEME, ENSEMBLE ET PROCEDE POUR COMMANDE DE PORTS**
[72] KELLNER, JUSTIN, US
[72] SOLFRONK, MATTHEW D., US
[72] HARRIS, JOHN TRAVIS, US
[72] MADERO, PAUL, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2012-09-21
[86] 2011-03-23 (PCT/US2011/029622)
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[30] US (12/729,894) 2010-03-23

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[51] **Int.Cl. E02F 3/413 (2006.01) B66C 3/04 (2006.01) F16C 11/04 (2006.01)**
[25] EN
[54] **SEVERE DUTY GRAPPLE WITH TUBULAR PIVOT**
[54] **GRAPPIN POUR CHARGES LOURDES COMPORTANT UN PIVOT TUBULAIRE**
[72] RAIHALA, DANIEL J., US
[73] GENESIS ATTACHMENTS, LLC, US
[85] 2012-09-24
[86] 2011-03-22 (PCT/US2011/029334)
[87] (WO2011/119542)
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[51] **Int.Cl. A61H 1/02 (2006.01)**
[25] EN
[54] **A HAND REHABILITATION DEVICE**
[54] **DISPOSITIF DE REEDUCATION DE LA MAIN**
[72] FAUSTI, DAVIDE, IT
[72] SENECI, CARLO, IT
[73] IDROGENET S.R.L., IT
[85] 2012-09-21
[86] 2011-03-21 (PCT/IT2011/000082)
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[30] IT (MI2010A000466) 2010-03-23
[30] IT (MI2011U000088) 2011-03-10

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[51] **Int.Cl. H02K 16/00 (2006.01)**
[25] EN
[54] **HIGH ACCELERATION ROTARY ACTUATOR**
[54] **ACTIONNEUR ROTATIF A HAUTE ACCELERATION**
[72] LANGRECK, GERALD K., US
[73] LANGRECK, GERALD K., US
[85] 2012-09-24
[86] 2011-03-25 (PCT/US2011/029945)
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[13] C
[51] **Int.Cl. B65B 9/20 (2012.01) A23L 27/00 (2016.01) A24B 13/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR USE IN THE FORMATION OF A TOBACCO POUCH PRODUCT**
[54] **APPAREIL A DES FINS D'UTILISATION POUR LA REALISATION D'UN PRODUIT DE BLAGUE A TABAC**
[72] RINEHART, STEVEN R., US
[72] BELCASTRO, MARC D., US
[72] WILLIAMS, DWIGHT D., US
[73] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2012-09-26
[86] 2011-03-28 (PCT/IB2011/000961)
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[51] **Int.Cl. G08C 17/02 (2006.01) H04B 17/18 (2015.01) H04B 17/309 (2015.01)**
[25] EN
[54] **METHOD AND DEVICES FOR PROVIDING FEEDBACK ABOUT A QUALITY OF COMMUNICATION BETWEEN A DEVICE AND A REMOTE CONTROL**
[54] **PROCEDE ET DISPOSITIFS DESTINES A FOURNIR UN RETOUR D'INFORMATION SUR LA QUALITE DE COMMUNICATION ENTRE UN DISPOSITIF ET UNE TELECOMMANDE**
[72] KOZLOWSKI, ANTHONY, US
[72] MARTCH, HENRY GREGG, US
[73] ECHOSTAR TECHNOLOGIES LLC, US
[85] 2012-10-01
[86] 2011-03-30 (PCT/US2011/030571)
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[30] US (12/905,899) 2010-10-15

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[25] EN
[54] **WHOLE MOUTH MALODOR CONTROL BY A COMBINATION OF ANTIBACTERIAL AND DEODORIZING AGENTS**
[54] **CONTROLE TOTAL DE LA MAUVAISE HALEINE PAR UNE COMBINAISON D'AGENTS ANTIBACTERIENS ET DESODORISANTS**
[72] RAMJI, NIRANJAN, US
[72] SNIDER, ANN GILLIGAN, US
[72] WITTE, LINA AURORA, US
[72] BECKER, BEVERLY D., US
[72] STATT, BETH HANSELL, US
[72] NOLAND, ANDREA L., US
[72] MCKINNEY, KRISTI, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[86] 2011-03-31 (PCT/US2011/030665)
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[51] **Int.Cl. B22C 7/02 (2006.01) B22D 17/22 (2006.01)**
[25] FR
[54] **EQUIPMENT FOR INJECTING A PART**
[54] **OUTILLAGE D'INJECTION D'UNE PIECE**
[72] BOUTHEMY, PHILIPPE, FR
[72] DILLENSEGER, SERGE, FR
[72] POURFILET, PATRICK, FR
[72] QUACH, DANIEL, FR
[72] VERGER, JEAN-LOUIS MARTIAL, FR
[73] SNECMA, FR
[85] 2012-10-04
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[25] EN
[54] **SHOCK ABSORBER INSERT FOR A WALKING AID**
[54] **INSERT D'ABSORBEUR DE CHOCS POUR UNE AIDE A LA MARCHE**
[72] BASHAM, MARSHALL AARON VAUGHN, NZ
[73] AUCKLAND MOBILITY DEVICES LIMITED, NZ
[85] 2012-10-04
[86] 2011-04-01 (PCT/NZ2011/000045)
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[30] NZ (580176) 2010-04-05
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[51] **Int.Cl. F27D 21/00 (2006.01) G01S 13/08 (2006.01) G01S 13/88 (2006.01)**
[25] EN
[54] **MEASUREMENT OF CHARGE BANK LEVEL IN A METALLURGICAL FURNACE**
[54] **MESURE DU NIVEAU DE CHARGE D'UN FOUR METALLURGIQUE**
[72] SADRI, AFSHIN, CA
[72] SHAMELI, EHSAN, CA
[72] VENDITTI, ROBERTO, CA
[72] KEPES, ANDREI, CA
[72] GERRITSEN, TERRY, CA
[72] SOUTHALL, SEAN, CA
[72] UYEDA, BRUCE, CA
[73] HATCH LTD., CA
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[86] 2011-04-26 (PCT/CA2011/000469)
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[54] **TORQUE TRANSMITTING AND BRAKING DEVICE**
[54] **DISPOSITIF DE TRANSMISSION DE COUPLE ET DE FREINAGE**
[72] WALDON, RAYMOND, AU
[73] WALDON, RAYMOND, AU
[85] 2012-10-09
[86] 2011-01-17 (PCT/AU2011/000043)
[87] (WO2011/085451)
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[51] **Int.Cl. B64C 25/40 (2006.01)**
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[54] **DRIVE UNIT FOR AIRCRAFT RUNNING GEAR**
[54] **UNITE D'ENTRAINEMENT POUR TRAIN ROULANT D'AVION**
[72] OSWALD, JOHANN, DE
[72] HEEG, MANFRED, DE
[73] L-3 COMMUNICATIONS MAGNET-MOTOR GMBH, DE
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[54] **FAUCET HAVING A METAL GASKET**
[54] **ROBINET A JOINT METALLIQUE**
[72] VINZIO, PASCAL, FR
[72] DUBOY, DOMINIQUE, FR
[73] KSB S.A.S., FR
[85] 2012-10-24
[86] 2011-04-15 (PCT/FR2011/000225)
[87] (WO2011/141641)
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[13] C
[51] **Int.Cl. H04L 12/18 (2006.01) H04N 21/20 (2011.01) H04N 7/15 (2006.01)**
[25] EN
[54] **COLLABORATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE COLLABORATION**
[72] SHEN, FRANCIS, CA
[72] FRANCISCO, PAULO, CA
[73] MITEL NETWORKS CORPORATION, CA
[86] (2797986)
[87] (2797986)
[22] 2012-12-06
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[51] **Int.Cl. B64C 1/06 (2006.01) B64C 1/18 (2006.01) B64C 25/00 (2006.01)**
[25] FR
[54] **PERFECTED AIRCRAFT FORE-STRUCTURE INCLUDING A LANDING GEAR COMPARTMENT**
[54] **STRUCTURE AVANT D'AVION PERFECTIONNEE A COMPARTIMENT POUR TRAIN D'ATTERRISSAGE**
[72] BERNADET, PHILIPPE, FR
[72] LIEVEN, PATRICK, FR
[72] DUGERIE, MARC, FR
[72] MIALHE, CHRISTOPHE, FR
[72] DELAHAYE, ROMAIN, FR
[73] AIRBUS OPERATIONS SAS, FR
[86] (2798046)
[87] (2798046)
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[13] C
[51] **Int.Cl. B31F 1/08 (2006.01) B65H 37/00 (2006.01) B65H 45/12 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PROCESSING FLAT PRODUCTS**
[54] **APPAREIL ET PROCEDE POUR TRAITER DES PRODUITS PLATS**
[72] BARRER, DANIEL, CH
[72] CORIC, IVAN, CH
[73] MULTIGRAF AG, CH
[86] (2799106)
[87] (2799106)
[22] 2012-12-18
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[51] **Int.Cl. A61C 17/02 (2006.01)**
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[54] **IMPROVED DENTAL NOZZLE**
[54] **BUSE DENTAIRE AMELIOREE**
[72] THORP, CHRIS, GB
[72] SEGAL, ALAN JULIAN, GB
[73] ASTEK INNOVATIONS LIMITED, GB
[85] 2012-11-13
[86] 2011-05-27 (PCT/GB2011/051008)
[87] (WO2011/154718)
[30] GB (1009644.4) 2010-06-09
[30] GB (1103947.6) 2011-03-09

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[25] EN
[54] **SECURING REMOTE VIDEO TRANSMISSION FOR THE REMOTE CONTROL OF A VEHICLE**
[54] **SECURISATION D'UNE TRANSMISSION VIDEO A DISTANCE DESTINEE AU CONTROLE A DISTANCE D'UN VEHICULE**
[72] NOGUEIRA ALVES, CLARA, FR
[73] SIEMENS SAS, FR
[85] 2012-11-16
[86] 2010-06-30 (PCT/EP2010/059275)
[87] (WO2011/144261)
[30] EP (10290263.2) 2010-05-19

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[13] C
[51] **Int.Cl. G06Q 40/00 (2012.01) G06Q 50/00 (2012.01)**
[25] EN
[54] **MONITORING CUSTOMER-SELECTED VEHICLE PARAMETERS**
[54] **PARAMETRES DE SURVEILLANCE DE VEHICULE SELECTIONNES PAR UN CLIENT**
[72] COLLINS, DEAN M., US
[72] SMITH, BRYAN, US
[72] KRYSINSKI, WILLIAM, US
[73] THE TRAVELERS INDEMNITY COMPANY, US
[85] 2012-11-16
[86] 2011-05-17 (PCT/US2011/036786)
[87] (WO2011/146466)
[30] US (61/345,220) 2010-05-17

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[51] **Int.Cl. H04L 29/08 (2006.01) H04W 72/04 (2009.01)**
[25] EN
[54] **APPLICATION LAYER COMMUNICATION VIA SINGLE RADIO BLOCK ACCESS**
[54] **COMMUNICATION DE COUCHE D'APPLICATION PAR L'INTERMEDIAIRE D'UN ACCES DE BLOC RADIO UNIQUE**
[72] DIACHINA, JOHN, US
[72] SCHLIWA-BERTLING, PAUL, SE
[72] BERGSTROM, ANDREAS, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2012-11-09
[86] 2011-04-20 (PCT/IB2011/051706)
[87] (WO2011/141835)
[30] US (61/332,932) 2010-05-10
[30] US (13/073,993) 2011-03-28

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[13] C
[51] **Int.Cl. H04W 12/08 (2009.01) H04W 8/18 (2009.01) H04L 29/06 (2006.01)**
[25] EN
[54] **ASSEMBLY, AND ASSOCIATED METHOD, FOR CONTROLLING DISPOSITION OF ENTERPRISE DATA AT A WIRELESS DEVICE**
[54] **ENSEMBLE ET PROCEDE ASSOCIE DE MAITRISE DE L'ELIMINATION DE DONNEES D'ENTREPRISE AU NIVEAU D'UN DISPOSITIF SANS FIL**
[72] HOLLERAN, JEFFREY J., US
[72] BOWERMAN, ROBERT, CA
[72] BOCKING, ANDREW DOUGLAS, CA
[72] MITCHELMORE, PETER LAWRENCE, US
[72] CARBONELL DUQUE, SANTIAGO, CA
[72] CHERRY, CARL L., CA
[72] CARDY, JONATHAN RAYMOND, CA
[72] GOGUEN, JOSEPH PATRICK THOMAS, US
[72] ZINN, RONALD SCOTTE, CA
[72] COODE, CATHERINE MICHELLE, CA
[72] BENDER, CHRISTOPHER LYLE, CA
[73] BLACKBERRY LIMITED, CA
[85] 2012-11-23
[86] 2011-05-27 (PCT/US2011/038404)
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[30] US (12/794,030) 2010-06-04

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[51] **Int.Cl. E21B 43/017 (2006.01) E21B 33/035 (2006.01)**
[25] EN
[54] **SUBSEA HYDROCARBON PRODUCTION SYSTEM**
[54] **SYSTEME DE PRODUCTION SOUS-MARINE D'HYDROCARBURES**
[72] STENEVIK, KARL-ATLE, NO
[73] STATOIL PETROLEUM AS, NO
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[54] **TWO-BLADED VERTICAL AXIS WIND TURBINES**
[54] **EOLIENNES A AXE VERTICAL ET A DEUX PALES**
[72] FARB, DANIEL, IL
[72] FARKASH, AVNER, IL
[72] HARELI, GADI, IL
[72] VAN ZWAREN, JOE, IL
[72] KOLMAN, KEN, IL
[73] LEVIATHAN ENERGY WIND LOTUS LTD., IL
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[87] (WO2010/136975)
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[54] **USE OF 2-AMINOETHANOL AS ADDITIVE IN AQUEOUS SUSPENSIONS OF CALCIUM CARBONATE COMPRISING MATERIALS**
[54] **UTILISATION DE 2-AMINOETHANOL COMME ADDITIF DANS LES SUSPENSIONS AQUEUSES DE MATERIAUX RENFERMANT DU CARBONATE DE CALCIUM**
[72] BURI, MATTHIAS, CH
[72] RENTSCH, SAMUEL, CH
[72] GANE, PATRICK A.C., CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2012-11-27
[86] 2011-05-31 (PCT/EP2011/058940)
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[25] EN
[54] **USE OF KUKOAMINE A AND KUKOAMINE B**
[54] **UTILISATION DE KUKOAMINE A ET DE KUKOAMINE B**
[72] ZHENG, JIANG, CN
[72] LIU, XIN, CN
[72] ZHENG, XINCHUAN, CN
[72] ZHOU, HONG, CN
[72] CAO, HONGWEI, CN
[72] WANG, NING, CN
[72] LU, YONGLING, CN
[73] THE FIRST AFFILIATED HOSPITAL, THIRD MILITARY MEDICAL UNIVERSITY, PLA, CN
[73] TIANJIN CHASESUN PHARMACEUTICAL CO., LTD, CN
[85] 2012-10-03
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[25] EN
[54] **HYPOCHLORITE DENTURE COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS A BASE D'HYPOCHLORITE POUR PROTHESE DENTAIRE ET PROCEDES D'UTILISATION**
[72] SMITH, WILLIAM L., US
[72] RUMBERGER, EVAN M., US
[73] THE CLOROX COMPANY, US
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[86] 2010-10-13 (PCT/US2010/052487)
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[25] FR
[54] **ACID COMPOSITIONS FOR THE REMOVAL OF OXALATES**
[54] **COMPOSITIONS ACIDES POUR L'ELIMINATION DES OXALATES**
[72] LAFFITTE, JEAN-ALEX, FR
[72] SRINIVAS, VIJAY R., US
[73] ARKEMA FRANCE, FR
[85] 2012-12-05
[86] 2011-06-24 (PCT/FR2011/051461)
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[30] US (61/359,483) 2010-06-29
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[51] **Int.Cl. H04N 19/60 (2014.01) H04N 19/12 (2014.01)**
[25] EN
[54] **METHODS AND DEVICES FOR CONTEXT SET SELECTION**
[54] **METHODES ET DISPOSITIFS DE SELECTION D'UN ENSEMBLE DE CONTEXTES**
[72] NGUYEN, NGUYEN, CA
[72] JI, TIANYING, CA
[72] HE, DAKE, CA
[73] BLACKBERRY LIMITED, CA
[86] (2802285)
[87] (2802285)
[22] 2013-01-14
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[25] EN
[54] **DOUBLE-LENS SKI GOGGLES**
[54] **LUNETTES DE SKI A DOUBLES VERRES**
[72] SALMINI, CARLO, IT
[73] ANOMALY ACTION SPORTS S.R.L., IT
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[54] **ENHANCED PHYSICAL UPLINK CONTROL CHANNEL FORMAT RESOURCE ALLOCATION FOR TIME DIVISION DUPLEX MODE**
[54] **ATTRIBUTION DE RESSOURCES DE CANAL DE COMMANDE DE LIAISON MONTANTE PHYSIQUE AMELIORE POUR MODE DE DUPLEXAGE PAR REPARTITION TEMPORELLE**
[72] CHEN, PENG, CN
[72] GAO, CHUNYAN, CN
[72] TIIROLA, ESA, FI
[73] NOKIA SOLUTIONS AND NETWORKS OY, FI
[85] 2012-12-17
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[54] **HIGH POWER WAVEGUIDE CLUSTER CIRCULATOR**
[54] **CIRCULATEUR GROUPE A GUIDE D'ONDES POUR HAUTE PUISSANCE**
[72] CATOIU, MIRON, CA
[73] RAYTHEON CANADA LIMITED, CA
[85] 2012-12-20
[86] 2012-02-17 (PCT/CA2012/000148)
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[54] **SYSTEMS AND METHODS FOR ALTERNATING MALWARE CLASSIFIERS IN AN ATTEMPT TO FRUSTRATE BRUTE-FORCE MALWARE TESTING**
[54] **SYSTEMES ET PROCEDES POUR FAIRE ALTERNER DES CLASSIFIEURS DE LOGICIEL MALVEILLANT DANS UNE TENTATIVE DE S'AFFRANCHIR D'UN TEST EXHAUSTIF DE LOGICIEL MALVEILLANT**
[72] SATISH, SOURABH, US
[73] SYMANTEC CORPORATION, US
[85] 2013-01-02
[86] 2011-05-14 (PCT/US2011/036560)
[87] (WO2012/003049)
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[25] EN
[54] **SCREEN INTAKE CLEANING SYSTEM USING VARIABLE FLOW OF INCOMPRESSIBLE LIQUID**
[54] **SYSTEME DE NETTOYAGE DE PRISE A GRILLE UTILISANT UN DEBIT VARIABLE DE LIQUIDE INCOMPRESSIBLE**
[72] EKHOLM, MICHAEL, US
[72] SHAH, DILIPKUMAR P., US
[73] AQSEPTENCE GROUP, INC., US
[86] (2804617)
[87] (2804617)
[22] 2013-02-01
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[25] EN
[54] **SYNERGISTIC HERBICIDAL COMPOSITIONS CONTAINING AMINOPYRALID, 2,4-DICHLOROPHENOXYACETIC ACID AND ATRAZINE**
[54] **COMPOSITIONS HERBICIDES SYNERGIQUES CONTENANT DE L'AMINOPYRALIDE, DE L'ACIDE 2,4-DICHLOROPHENOXYACETIQUE ET DE L'ATRAZINE**
[72] RODRIGUEZ CONTRERAS, SERGIO, MX
[72] ROJAS-CALVO, CARLOS E., MX
[72] MASTERS, ROBERT A., US
[73] DOW AGROSCIENCES LLC, US
[85] 2013-01-08
[86] 2011-07-13 (PCT/US2011/043790)
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[51] **Int.Cl. A01C 7/20 (2006.01)**
[25] EN
[54] **PRESSURE-BASED BLOCKAGE DETECTION SYSTEM AND METHOD IN CROP PRODUCTION SYSTEMS**
[54] **SYSTEME ET PROCEDE DE DETECTION DE BLOCAGE FONDES SUR LA PRESSION DANS DES SYSTEMES DE PRODUCTION VEGETALE**
[72] HUI, KA PO CATHERINE, CA
[72] GERVAIS, JOEL JOHN OCTAVE, CA
[72] HENRY, JAMES WAYNE, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2806410)
[87] (2806410)
[22] 2013-02-20
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[13] C
[51] **Int.Cl. F01N 13/08 (2010.01) F01N 1/24 (2006.01)**
[25] EN
[54] **EXHAUST SUBSYSTEM WITH POLYMER HOUSING**
[54] **SOUS-SYSTEME D'ECHAPPEMENT A ENVELOPPE POLYMERE**
[72] SIERRA, BALJIT, CA
[73] NOVO PLASTICS INC., CA
[73] SIERRA, BALJIT, CA
[85] 2012-09-24
[86] 2010-03-23 (PCT/CA2010/000403)
[87] (WO2011/116447)

[11] **2,807,260**
[13] C
[51] **Int.Cl. G01K 15/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CALIBRATING A THERMOMETER IN SITU**
[54] **PROCEDE ET DISPOSITIF D'ETALONNAGE D'UN THERMOMETRE IN SITU**
[72] SEEFELD, PETER, DE
[72] BUCHNER, REINHARD, DE
[72] BOGUHN, DIRK, DE
[72] SCHALLES, MARC, DE
[73] ENDRESS+HAUSER WETZER GMBH+CO. KG, DE
[85] 2013-02-01
[86] 2011-07-25 (PCT/EP2011/062753)
[87] (WO2012/028387)
[30] DE (10 2010 040 039.4) 2010-08-31

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[13] C
[51] **Int.Cl. G06F 19/00 (2011.01) A63B 24/00 (2006.01)**
[25] EN
[54] **MONITORING FITNESS USING A MOBILE DEVICE**
[54] **SURVEILLANCE D'ACTIVITE D'ENTRAINEMENT PHYSIQUE AU MOYEN D'UN DISPOSITIF MOBILE**
[72] HOFFMAN, MICHAEL T., US
[72] CRANKSON, KWAMINA, US
[72] NIMS, JASON, US
[72] ORENSTEIN, MICHAEL LEVI, US
[72] WHITE, KRISTEN LAINA, US
[73] NIKE INNOVATE C.V., US
[85] 2013-02-08
[86] 2011-08-09 (PCT/US2011/047067)
[87] (WO2012/021507)
[30] US (61/371,842) 2010-08-09

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[51] **Int.Cl. B65B 43/50 (2006.01) B65G 1/133 (2006.01) B65G 1/137 (2006.01) B65G 47/84 (2006.01)**
[25] EN
[54] **ROTATING DEVICE FOR RECEIVING AND HANDLING GOODS**
[54] **DISPOSITIF ROTATIF DESTINE A RECEVOIR ET A MANIER DES MARCHANDISES**
[72] HOGNALAND, INGVAR, NO
[73] JAKOB HATTELAND LOGISTICS AS, NO
[85] 2013-02-12
[86] 2011-08-23 (PCT/NO2011/000230)
[87] (WO2012/026824)
[30] NO (20101181) 2010-08-24

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[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **STICKY ORDER ROUTERS**
[54] **ROUTEURS D'ORDRES A MEMOIRE**
[72] MINTZ, SAGY PUNDAK, US
[73] TRADING TECHNOLOGIES INTERNATIONAL, INC., US
[85] 2013-02-28
[86] 2011-09-01 (PCT/US2011/050111)
[87] (WO2012/050679)
[30] US (12/895,419) 2010-09-30

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[51] **Int.Cl. C08B 37/08 (2006.01) A61K 31/715 (2006.01) A61K 47/36 (2006.01) A61P 41/00 (2006.01) C07K 1/107 (2006.01) C07K 2/00 (2006.01) C08B 37/00 (2006.01) C08F 8/34 (2006.01) C08G 85/00 (2006.01) C08J 3/075 (2006.01) C08J 3/24 (2006.01)**
[25] EN
[54] **MERCAPTO-MODIFIED BIOCOMPATIBLE MACROMOLECULE DERIVATIVES WITH LOW DEGREE OF MERCAPTO-MODIFICATION AND THE CROSS-LINKED MATERIALS AND USES THEREOF**
[54] **UTILISATION DE COMPOSITION COMPRENANT DES ACIDES BILIAIRES, DES SELS ET DES SEMBLABLES DE CEUX-CI POUR LE TRAITEMENT DE L'OBESITE OU DU DIABETE**
[72] SHU, XIAOZHENG, CN
[72] ZHONG, WEIPING, CN
[72] WANG, YUNYUN, CN
[72] YU, MEIXIA, CN
[73] BIOREGEN BIOMEDICAL(CHANGZHOU) CO., LTD., CN
[85] 2013-03-06
[86] 2011-08-04 (PCT/CN2011/077985)
[87] (WO2012/031515)
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[51] **Int.Cl. F02M 37/22 (2006.01) B01D 36/00 (2006.01)**
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[54] **FILTER SYSTEM WITH FUEL-WATER SEPARATOR**
[54] **SYSTEME DE FILTRE AVEC SEPARATEUR COMBUSTIBLE-EAU**
[72] RIES, JEFFREY R., US
[72] SALVADOR, CHRISTOPHER J., US
[72] HEIBENTHAL, RANDALL W., US
[72] DEEDRICH, DENNIS M., US
[72] EISENMENGER, RICHARD J., US
[73] CATERPILLAR INC., US
[73] ADVANCED FILTRATION SYSTEMS, INC., US
[85] 2013-03-21
[86] 2011-09-30 (PCT/US2011/054127)
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[30] US (61/389,045) 2010-10-01
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[51] **Int.Cl. H04L 29/08 (2006.01) H04W 48/16 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS TO DISCOVER NETWORK CAPABILITIES AVAILABLE VIA WIRELESS NETWORKS**
[54] **PROCEDES ET APPAREIL POUR LA DETERMINATION DES CAPACITES RESEAU DISPONIBLES PAR L'INTERMEDIAIRE DE RESEAUX SANS FIL**
[72] MONTEMURRO, MICHAEL, CA
[72] MCCANN, STEPHEN, GB
[73] BLACKBERRY LIMITED, CA
[85] 2013-03-27
[86] 2011-02-14 (PCT/EP2011/052157)
[87] (WO2012/041532)
[30] US (12/893,835) 2010-09-29

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[51] **Int.Cl. A61B 34/30 (2016.01) A61B 34/37 (2016.01)**
[25] EN
[54] **SURGICAL ROBOT, INSTRUMENT MANIPULATOR, COMBINATION OF AN OPERATING TABLE AND A SURGICAL ROBOT, AND MASTER-SLAVE OPERATING SYSTEM**
[54] **ROBOT CHIRURGICAL, MANIPULATEUR D'INSTRUMENT, COMBINAISON DE TABLE D'OPERATION ET DE ROBOT CHIRURGICAL, ET SYSTEME D'EXPLOITATION MAITRE-ESCLAVE**
[72] MEENINK, HILDEBERT CHRISTIAAN MATTHIJS, NL
[73] TECHNISCHE UNIVERSITEIT EINDHOVEN, NL
[85] 2013-04-02
[86] 2010-10-01 (PCT/NL2010/050641)
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[54] **EXTRACTION DEVICE AND SEALING SYSTEM**
[54] **APPAREIL D'EXTRACTION ET SYSTEME D'ETANCHEITE**
[72] DEUBER, LOUIS, CH
[73] QBO COFFEE GMBH, CH
[85] 2013-04-03
[86] 2010-10-08 (PCT/CH2010/000249)
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[25] EN
[54] **PROTECTION OF PRIVACY IN CONNECTION WITH SHIPMENT OF PRODUCTS**
[54] **PROTECTION DE LA CONFIDENTIALITE LORS DE L'EXPEDITION DE PRODUITS**
[72] SHAKES, JONATHAN J., US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2013-04-10
[86] 2011-11-22 (PCT/US2011/061780)
[87] (WO2012/078354)
[30] CN (201010587160.2) 2010-12-07
[30] US (12/975,888) 2010-12-22

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[51] **Int.Cl. A62B 7/00 (2006.01)**
[25] EN
[54] **BREATHING AIR PRODUCTION AND FILTRATION SYSTEM**
[54] **SYSTEME DE PRODUCTION ET DE FILTRATION D'AIR RESPIRABLE**
[72] ROBERTS, RICK, US
[73] TOTAL SAFETY U.S., INC., US
[85] 2013-04-18
[86] 2011-10-19 (PCT/US2011/056927)
[87] (WO2012/054634)
[30] US (61/394,703) 2010-10-19

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[13] C
[51] **Int.Cl. B05B 1/14 (2006.01) A47K 3/28 (2006.01) E03C 1/08 (2006.01)**
[25] EN
[54] **BODY SPRAY WITH EXTENDING SPRAYHEAD**
[54] **PULVERISATEUR POUR LE CORPS AVEC TETE DE PULVERISATION D'EXTENSION**
[72] HUFFINGTON, TODD ANDREW, US
[72] MARTY, GARRY ROBIN, US
[72] PATTON, PAUL, US
[72] GENORD, DANIEL STEVEN, US
[73] DELTA FAUCET COMPANY, US
[86] (2815849)
[87] (2815849)
[22] 2013-05-13
[30] US (13/481,103) 2012-05-25

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[13] C
[51] **Int.Cl. H04W 24/08 (2009.01) H04W 52/26 (2009.01)**
[25] EN
[54] **APPARATUS AND ASSOCIATED METHOD FOR PROVIDING COMMUNICATION BANDWIDTH IN COMMUNICATION SYSTEM**
[54] **APPAREIL ET PROCEDE ASSOCIE VISANT A FOURNIR UNE LARGEUR DE BANDE DE COMMUNICATION DANS UN SYSTEME DE COMMUNICATION**
[72] SEXTON, THOMAS, US
[72] DHAKAL, SAGAR, US
[72] LUSINA, PAUL JAMES, CA
[73] BLACKBERRY LIMITED, CA
[86] (2816252)
[87] (2816252)
[22] 2013-05-21
[30] US (13/531,250) 2012-06-22

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[51] **Int.Cl. C22C 9/04 (2006.01) C22F 1/08 (2006.01)**
[25] EN
[54] **LOW LEAD INGOT**
[54] **LINGOT A FAIBLE TENEUR EN PLOMB**
[72] SAHOO, MAHI, CA
[72] MURRAY, MICHAEL, US
[73] SLOAN VALVE COMPANY, US
[85] 2013-04-26
[86] 2011-10-28 (PCT/US2011/058448)
[87] (WO2012/058628)
[30] US (61/408,518) 2010-10-29
[30] US (61/410,752) 2010-11-05
[30] US (61/451,476) 2011-03-10

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[51] **Int.Cl. A61B 5/0408 (2006.01)**
[25] EN
[54] **SENSOR FOR ACQUIRING PHYSIOLOGICAL SIGNALS**
[54] **CAPTEUR PERMETTANT L'ACQUISITION DE SIGNAUX PHYSIOLOGIQUES**
[72] MACIA BARBER, AGUSTIN, ES
[72] LLORCA JUAN, DANIEL, IT
[73] SMART SOLUTIONS TECHNOLOGIES, S.L., ES
[85] 2013-05-15
[86] 2011-11-16 (PCT/EP2011/070296)
[87] (WO2012/066056)
[30] EP (10191590.8) 2010-11-17
[30] US (61/427,864) 2010-12-29

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[13] C
[51] **Int.Cl. F23D 14/04 (2006.01) F24H 1/00 (2006.01)**
[25] EN
[54] **LOW NOX BURNER FOR A WATER HEATER**
[54] **BRULEUR A FAIBLES EMISSIONS DE NOX POUR UN CHAUFFE-EAU**
[72] CHENG, YONGHUA, CA
[72] DOU, LILIANG, CN
[72] CHANASYK, LARRY, CA
[72] BI, DAYAN, CN
[72] MA, HONGFEI, CN
[73] A. O. SMITH CORPORATION, US
[85] 2013-05-16
[86] 2010-12-01 (PCT/CN2010/079314)
[87] (WO2012/071713)

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[51] **Int.Cl. C12Q 1/04 (2006.01) C12N 5/07 (2010.01) G01N 1/28 (2006.01)**
[25] EN
[54] **SORTING OF ADHERENT CELLS BY SELECTIVE TRANSFORMATION OF LABELS**
[54] **TRIAGE DES CELLULES ADHERENTES PAR TRANSFORMATION SELECTIVES DES ETIQUETTES**
[72] ARCHER, ROBERT M., US
[72] HSIUNG, FRANK, US
[72] PATT, PAUL, US
[73] BIO-RAD LABORATORIES, INC., US
[85] 2013-05-16
[86] 2011-11-18 (PCT/US2011/061425)
[87] (WO2012/071275)
[30] US (61/416,012) 2010-11-22

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[13] C
[51] **Int.Cl. H04N 5/225 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING DEVICE**
[54] **PROCEDE ET APPAREIL DE COMMANDE DE DISPOSITIF**
[72] EUN, DONG-JIN, KR
[72] KIM, HARK-JOON, KR
[72] KANG, SEONG-HOON, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2013-05-24
[86] 2011-10-14 (PCT/KR2011/007646)
[87] (WO2012/099315)
[30] KR (10-2011-0005987) 2011-01-20

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[13] C
[51] **Int.Cl. H04N 19/50 (2014.01) H04N 19/65 (2014.01)**
[25] EN
[54] **VIDEO ENCODING APPARATUS, VIDEO DECODING APPARATUS, VIDEO ENCODING METHOD, AND VIDEO DECODING METHOD**
[54] **APPAREIL DE CODAGE VIDEO, APPAREIL DE DECODAGE VIDEO, PROCEDE DE CODAGE VIDEO ET PROCEDE DE DECODAGE VIDEO**
[72] KAZUI, KIMIHIKO, JP
[72] SHIMADA, SATOSHI, JP
[72] KOYAMA, JUNPEI, JP
[73] FUJITSU LIMITED, JP
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[87] (2819674)
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[54] **METHOD AND SYSTEM FOR ADAPTIVE FORECAST OF WIND RESOURCES**
[54] **PROCEDE ET SYSTEME DE PREDICTION ADAPTATIVE DES RESSOURCES EOLIENNES**
[72] PADULLAPARTHI, VENKATA RAMAKRISHNA, IN
[72] SAGAR, KURANDWAD, IN
[72] THIAGARAJAN, GEETHA, IN
[72] SIVASUBRAMANIAM, ANAND, IN
[73] TATA CONSULTANCY SERVICES LIMITED, IN
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[54] **PHOSPHORUS RECOVERY FROM HYDROTHERMAL TREATMENT OF BIOMASS**
[54] **RECUPERATION DE PHOSPHORE A PARTIR D'UN TRAITEMENT HYDROTHERMAL D'UNE BIOMASSE**
[72] OLDENBURG, PAUL D., US
[72] BIELENBERG, JAMES R., US
[72] ROBERTS, VIRGINIA M., US
[72] OUMAR-MAHAMAT, HALOU, US
[72] DOMAILLE, PETER J., US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **APPAREIL D'INSPECTION DE GUIDE SUPERIEUR**
[72] CARBONELL, JOHN R., US
[72] OSTRANDER, KRISTOFFER V., US
[73] WESTINGHOUSE ELECTRIC COMPANY LLC, US
[85] 2013-06-11
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[54] **USE OF ENCAPSULATED OIL IN DOUGH PREPARATION**
[54] **UTILISATION D'HUILE ENCAPSULEE DANS LA PREPARATION D'UNE PATE**
[72] ARFSTEN, JUDITH, CH
[72] BETZ, REINHOLD, DE
[72] MEZZENGA, RAFFAELE, CH
[72] ULRICH, STEPHANE, CH
[72] SAVIN, GABRIELA, FR
[72] VALLES PAMIES, BALTASAR, IT
[73] NESTEC S.A., CH
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[54] **BREAST FORM WITH UNDERWIRE AND METHOD OF MANUFACTURING THEREOF**
[54] **FORME DE SEIN AVEC ARMATURE ET PROCEDE DE FABRICATION DE CELLE-CI**
[72] CHEN, DENNIS H., US
[73] BRAGEL INTERNATIONAL, INC., US
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[87] (2821464)
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[54] **THRUST REVERSERS AND METHODS TO PROVIDE REVERSE THRUST**
[54] **INVERSEURS DE POUSSEE ET METHODES POUR FOURNIR UNE INVERSION DE POUSSEE**
[72] ACHESON, KURT ERIK, US
[72] CHUCK, CHEN, US
[73] THE BOEING COMPANY, US
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[54] **COMPOSITIONS CONTAINING FLUORINE SUBSTITUTED OLEFINS**
[54] **COMPOSITIONS CONTENANT DES OLEFINES A SUBSTITUTION FLUOR**
[72] SINGH, RAJIV R., US
[72] PHAM, HANG T., US
[72] WILSON, DAVID P., US
[72] THOMAS, RAYMOND H., US
[72] SPATZ, MARK W., US
[72] METCALF, DAVID A., US
[73] HONEYWELL INTERNATIONAL INC., US
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[54] **SCANNING DEVICE AND METHOD FOR BACK-SCATTER IMAGING WITH A RADIATION BEAM**
[54] **DISPOSITIF ET PROCEDE POUR BALAYAGE DE FAISCEAU DE RAYONNEMENT POUR REALISATION D'IMAGE DE RETRO-DISPERSION**
[72] CHEN, ZHIQIANG, CN
[72] LI, YUANJING, CN
[72] ZHAO, ZIRAN, CN
[72] LIU, YINONG, CN
[72] WU, WANLONG, CN
[72] ZHANG, LI, CN
[72] TU, CHAO, CN
[72] TANG, LE, CN
[72] JIN, YINGKANG, CN
[72] CAO, SHUO, CN
[72] DING, GUANGWEI, CN
[73] NUCTECH COMPANY LIMITED, CN
[73] TSINGHUA UNIVERSITY, CN
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[54] **NANOPARTICLE AND SURFACE-MODIFIED PARTICULATE COATINGS, COATED BALLOONS, AND METHODS THEREFORE**
[54] **NANOPARTICULES ET REVETEMENTS PARTICULAIRES MODIFIES EN SURFACE, BALLONNETS REVETUS ET PROCEDES ASSOCIES**
[72] MCCLAIN, JAMES B., US
[72] TAYLOR, CHARLES DOUGLAS, US
[72] ZANI, BRETT G., US
[72] KIORPES, TIMOTHY CHARLES, US
[73] MICELL TECHNOLOGIES, INC., US
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[54] **GESTION RIGOUREUSE DE DROITS POUR FONCTIONNALITE D'APPLICATION INFORMATIQUE**
[72] BROOKER, MARC J., US
[72] BROWN, DAVID, US
[72] DE KADT, CHRISTOPHER RICHARD JAQUES, US
[73] AMAZON TECHNOLOGIES, INC., US
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[54] **CASQUE CHIRURGICAL**
[72] ROSATI, GIORGIO, IT
[72] VAGLIVIELLO, MARCO, AT
[72] KOGLER, FRANZ, AT
[72] TRIPOLT, STEFAN, AT
[73] T.H.L. TOTAL HEALTHCARE INNOVATION GMBH, AT
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[25] EN
[54] **PROCESS FOR THE PREPARATION OF 4-AMINO-3-CHLORO-5-FLUORO-6-(SUBSTITUTED)PICOLINATES**
[54] **PROCEDE DE PREPARATION DE 4-AMINO-3-CHLORO-5-FLUORO-6-PICOLINATES(SUBST ITUES)**
[72] ARNDT, KIM E., US
[72] RENGA, JAMES M., US
[72] ZHU, YUANMING, US
[72] WHITEKER, GREGORY T., US
[72] LOWE, CHRISTIAN T., US
[73] DOW AGROSCIENCES LLC, US
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[73] IDEATRON PTY LTD, AU
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[54] **APPARATUS AND METHOD FOR ANALYZING AGGREGATE**
[54] **APPAREIL ET PROCEDE D'ANALYSE D'AGREGAT**
[72] PRESBY, DAVID W., US
[73] PRESBY PATENT TRUST, US
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[54] **LENTILLE POUR APPAREIL PHOTO**
[72] KUDRNA, PAUL JOHN, US
[73] BLACKBERRY LIMITED, CA
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[54] **PROCEDE QUI PERMET D'UTILISER UN SYSTEME DE DETECTION COMPRENANT UN QUANTIFICATEUR A UN SEUL BIT ET UNE BOUCLE DE RETROACTION A PLUSIEURS BITS**
[72] HAASL, SJOERD, SE
[72] HEDENSTIERNA, NILS, SE
[72] ANDERSSON, GERT, SE
[72] WESTBERG, DAVID, SE
[72] CARLSSON, MATS, SE
[73] PGS GEOPHYSICAL AS, NO
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[54] **SYSTEM AND METHOD FOR SELECTIVELY TRANSCODING SIGNAL FROM ONE FORMAT TO ONE OF PLURALITY OF FORMATS**
[54] **SYSTEME ET PROCEDE PERMETTANT DE TRANSCODER SELECTIVEMENT UN SIGNAL D'UN FORMAT A UN AUTRE FORMAT PARMI UNE PLURALITE DE FORMATS**
[72] SCHAFFER, MARK L., US
[73] GOOGLE TECHNOLOGY HOLDINGS LLC, US
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[54] **REBOUILLEUR**
[72] KONDO, YOSHIYUKI, JP
[72] NAGAYASU, HIROMITSU, JP
[72] KAMIJO, TAKASHI, JP
[72] MIYAMOTO, OSAMU, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **APPAREILS, SYSTEMES ET PROCEDES POUR RETENIR UN ECHANTILLON**
[72] MAUCEC, MARKO, US
[72] DUSTERHOFT, RONALD G., US
[72] GIBSON, RONALD A., US
[72] RICKMAN, RICHARD D., US
[73] LANDMARK GRAPHICS CORPORATION, US
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[54] **NUTRACEUTICAL COMPOSITION FOR LIMITING THE ABSORPTION OF DIETARY LIPIDS AND FOR INDUCING WEIGHT LOSS, COMPRISING, AS ACTIVE AGENT, AT LEAST ONE EXTRACT OF CARROT**
[54] **COMPOSITION NUTRACEUTIQUE POUR LIMITER L'ABSORPTION DE LIPIDES ALIMENTAIRES ET POUR INDUIRE UNE PERTE DE POIDS COMPRENANT COMME AGENT ACTIF AU MOINS UN EXTRAIT DE CAROTTE**
[72] DIDDEN, LAURENT, FR
[73] LAB ATTITUDE, FR
[85] 2013-09-05
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[54] **BALLON ECLAIRE**
[72] HALLIBURTON, JAMES, GB
[72] RHOADES, TONY, GB
[72] TISDALL, SEAN, GB
[72] BISHOP, JAMES, GB
[73] SEATRIEVER INTERNATIONAL HOLDINGS LIMITED, GB
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[54] **CYCLOALKENYL ARYL DERIVATIVES FOR CETP INHIBITOR**
[54] **DERIVES CYCLOALCENYL ARYLE POUR UN INHIBITEUR DE LA PROTEINE DE TRANSFERT DU CHOLESTEROL ESTERIFIE (CETP)**
[72] LEE, SEOHEE, KR
[72] OH, JUNGTAEK, KR
[72] LEE, JAEKWANG, KR
[72] LEE, JAEWON, KR
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[54] **VEHICULE A TROIS ROUES**
[72] HOLROYD, JAMES A.J., US
[72] ZILIAK, MARK ALAN, US
[72] ARAMAYO, GUSTAVO A., US
[72] WIEST, MATHEW BRADLEY, US
[72] UTTER, BRIAN T., US
[72] BENNETT, JEFFREY D., US
[72] HOHENSTEIN, JASON J., US
[72] TOMOLILLO, VITTORIO, US
[72] GASS, DONALD BRETT, DE
[73] POLARIS INDUSTRIES INC., US
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[54] **SYSTEMES ET PROCEDES POUR DETERMINER LES MOMENTS ET FORCES DE DEUX TUYAUX CONCENTRIQUES A L'INTERIEUR D'UN PUITS DE FORAGE**
[72] MITCHELL, ROBERT FRANKLIN, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2013-10-04
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[51] **Int.Cl. A61B 17/17 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **NAVIGATION AND POSITIONING SYSTEMS AND GUIDE INSTRUMENTS FOR JOINT REPAIR**
[54] **SYSTEMES DE NAVIGATION ET DE POSITIONNEMENT ET INSTRUMENTS DE GUIDAGE POUR LA REPARATION D'ARTICULATIONS**
[72] HANSON, SHAUN B., US
[72] MANDEEN, CHRISTOPHER D., US
[72] CARROLL, JAMIE A., US
[72] NICHOLS, DAVID L., US
[73] ZIMMER KNEE CREATIONS, INC., US
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[54] **GEODETIC MARKING SYSTEM FOR MARKING TARGET POINTS**
[54] **SYSTEME DE MARQUAGE GEODESIQUE POUR LE MARQUAGE DE POINTS DE MIRE**
[72] METZLER, BERNHARD, AT
[73] HEXAGON TECHNOLOGY CENTER GMBH, CH
[85] 2013-10-15
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[54] **PORTABLE SELF POWERED LINE MOUNTABLE ELECTRIC POWER LINE CURRENT MONITORING TRANSMITTING AND RECEIVING SYSTEM**
[54] **LIGNE D'ALIMENTATION ELECTRIQUE INSTALLABLE SUR UNE LIGNE AUTO-ALIMENTEE PORTATIVE ET SYSTEME D'EMISSION ET DE RECEPTION DE SURVEILLANCE DE COURANT**
[72] DAVIS, MURRAY W., US
[73] DAVIS, MURRAY W., US
[86] (2834064)
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[22] 2013-11-18
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[51] **Int.Cl. H04N 19/593 (2014.01)**
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[54] **INTRA-PREDICTION METHOD, AND ENCODER AND DECODER USING SAME**
[54] **PROCEDE DE PREDICTION INTRA, ET CODEUR ET DECODEUR L'UTILISANT**
[72] PARK, JOONYOUNG, KR
[72] PARK, SEUNGWOOK, KR
[72] LIM, JAEHYUN, KR
[72] KIM, JUNGSUN, KR
[72] CHOI, YOUNGHEE, KR
[72] JEON, BYEONGMOON, KR
[72] JEON, YONGJOON, KR
[73] LG ELECTRONICS INC., KR
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[25] EN
[54] **CATHODE ACTIVE MATERIAL CONTAINING LITHIUM AND HAVING TRANSITION METAL OXIDE, CATHODE CONTAINING LITHIUM AND HAVING TRANSITION METAL OXIDE, AND NONAQUEOUS SECONDARY BATTERY CONTAINING LITHIUM AND HAVING TRANSITION METAL OXIDE**
[54] **MATERIAU CATHODE ACTIF CONTENANT DU LITHIUM ET COMPORTANT UN OXYDE METALLIQUE DE TRANSITION, CATHODE CONTENANT DU LITHIUM ET COMPORTANT UN OXYDE METALLIQUE DE TRANSITION ET BATTERIE SECONDAIRE NON AQUEUSE CONTENANT DU LITHIUM ET COMPORTANT UN OXYDE METALLIQUE DE TRANSITION**
[72] OHIRA, KOJI, JP
[72] NISHIJIMA, MOTOAKI, JP
[72] SUEKI, TOSHITSUGU, JP
[72] ESAKI, SHOGO, JP
[72] TANAKA, ISAO, JP
[72] KOYAMA, YUKINORI, JP
[72] TANAKA, KATSUHISA, JP
[72] FUJITA, KOJI, JP
[72] MURAI, SHUNSUKE, JP
[73] SHARP KABUSHIKI KAISHA, JP
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[22] 2010-05-20
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[13] C
[51] **Int.Cl. G01K 11/12 (2006.01) H01L 21/205 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MEASURING TEMPERATURE OF SEMICONDUCTOR LAYER**
[54] **PROCEDE ET APPAREIL DE MESURE DE LA TEMPERATURE D'UNE COUCHE SEMI-CONDUCTRICE**
[72] LACROIX, YVES, JP
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[54] **IDENTIFICATEUR DE GROUPE ET IDENTIFICATION DE GROUPE QOS POUR MULTIPLEXAGE DE FLUX DANS SYSTEMES DE DIFFUSION GROUPEE ET GENERALE**
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[73] QUALCOMM INCORPORATED, US
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[54] **MACHINE ROTATIVE A FLUIDE**
[72] WHEELER, DARYL, AU
[72] ERWIN, JUSTIN WADE, US
[72] BURNS, TIMOTHY DONALD, SR., US
[73] GREYSTONE TECHNOLOGIES PTY LTD, AU
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[54] **SYSTEMES MULTI-CONTENEURS ET UTILISATIONS DE CEUX-CI**
[72] LO, RICHARD W.C., CA
[72] WU, GEORGE, CA
[72] TAM, PAUL, CA
[73] LO, RICHARD W.C., CA
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[73] IONETIX CORPORATION, US
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[54] **FLUID EJECTION DEVICES AND METHODS THEREOF**
[54] **DISPOSITIFS D'EJECTION DE FLUIDE ET PROCEDES ASSOCIES**
[72] VAN BROCKLIN, ANDREW L., US
[72] GHOZEIL, ADAM L., US
[72] ANDERSON, DARYL E., US
[73] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[54] **APPAREIL DE FORMATION D'ALIMENTS A ELEMENT DE DISTRIBUTION D'ALIMENTS**
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[72] VAN GERWEN, HENDRIKUS PETRUS GERARDUS, NL
[73] GEA FOOD SOLUTIONS BAKEL B.V., NL
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[54] **APPAREIL DE CHAUFFAGE D'UNE RESSOURCE D'HYDROCARBURE DANS UNE FORMATION SOUTERRAINE FOURNISSANT UN LIQUIDE FRIGORIGENE MODIFIABLE ET METHODES ASSOCIEES**
[72] DITTMER, TIM, US
[72] WRIGHT, BRIAN, US
[72] HIBNER, VERLIN A., US
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[54] **SYSTEME POUR ESTIMER DES DONNEES D'ENERGIE POUR UNE FLOTTE DE GENERATION D'ENERGIE PHOTOVOLTAIQUE**
[72] HOFF, THOMAS E., US
[73] CLEAN POWER RESEARCH, L.L.C., US
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[54] **FEUILLE D'ACIER PLAQUEE DE ZINC A HAUTE RESISTANCE ET FEUILLE D'ACIER A HAUTE RESISTANCE AYANT UNE APTITUDE SUPERIEURE AU MOULAGE ET SON PROCEDE DE FABRICATION**
[72] KAWATA, HIROYUKI, JP
[72] MARUYAMA, NAOKI, JP
[72] MURASATO, AKINOBU, JP
[72] MINAMI, AKINOBU, JP
[72] AZUMA, MASAFUMI, JP
[72] KUWAYAMA, TAKUYA, JP
[72] YONEMURA, SHIGERU, JP
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[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT THERMIQUE DE DECHETS**
[72] BERAUD, CHRISTOPHE, FR
[73] BERAUD, CHRISTOPHE, FR
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[72] RICHAUD, JOHAN, FR
[72] CHUNG, WILLIAM, CA
[73] VESUVIUS CRUCIBLE COMPANY, US
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[54] **IMPEDANCE MEASURING DEVICES AND METHODS FOR EMERGENCY CARDIOVASCULAR CARE**
[54] **DISPOSITIFS DE MESURE D'IMPEDANCE ET METHODES DE SOINS CARDIOVASCULAIRES D'URGENCE**
[72] FREEMAN, JENNY E., US
[72] LALLI, MICHAEL, US
[72] KARCZ, ANITA, US
[72] PANASYUK, ALEXANDER, US
[72] BOKHENIK, ROMAN, US
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[54] **SCRAP SUBMERGENCE SYSTEM**
[54] **SYSTEME D'IMMERSION DE DECHET**
[72] HOWITT, ROGER, US
[72] GRAYSON, JIM, US
[72] BOLTON, MARK, US
[72] BOSWORTH, PAUL, US
[73] PYROTEK, INC., US
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[72] NEWMAN, RICHARD ERNEST, US
[72] KATAR, SRINIVAS, US
[72] YONGE, LAWRENCE W., III., US
[73] QUALCOMM INCORPORATED, US
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[54] **PROCEDE D'ETIREMENT D'UNE BANDE DE FILM**
[72] BORMANN, LUDWIG, DE
[72] SCHREINER, GUNTER, DE
[73] RKW SE, DE
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[54] **MASSAGE AND TRACTION TABLE FOR SPINAL MASSAGE THERAPY**
[54] **TABLE DE MASSAGE ET DE TRACTION DESTINEE A LA THERAPIE PAR MASSAGE SPINAL**
[72] FITZLOFF, JEFFREY JOSEPH, ZZ
[73] FITZLOFF, JEFFREY JOSEPH, US
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[54] **SYSTEMS AND METHODS FOR ACKNOWLEDGING COMMUNICATIONS FROM A PLURALITY OF DEVICES**
[54] **SYSTEMES ET PROCEDES POUR ACCUSER RECEPTION DE COMMUNICATIONS PROVENANT D'UNE PLURALITE DE DISPOSITIFS**
[72] DANGUI, RAHUL, US
[72] MERLIN, SIMONE, US
[72] ABRAHAM, SANTOSH PAUL, US
[72] JONES, VINCENT KNOWLES, US
[72] QUAN, ZHI, US
[72] WENTINK, MAARTEN MENZO, US
[73] QUALCOMM INCORPORATED, US
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[54] **SYSTEME DE SECURITE D'ANTENNE DISTANTE RFID**
[72] AUGUSTINOWICZ, WALT, US
[73] IDENTITY STRONGHOLD, LLC, US
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[54] **COLLECTIF A LIMITE INFERIEURE VARIABLE AMELIORANT LA RECUPERATION**
[72] SCHAEFFER, JOSEPH M., US
[73] BELL HELICOPTER TEXTRON INC., US
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[54] **DISPOSITIF D'INJECTION**
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[72] GABRIELSSON, ELIN, SE
[73] SHL GROUP AB, SE
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[54] **ENCODING DEVICE, DECODING DEVICE, ENCODING METHOD, AND DECODING METHOD**
[54] **PROCEDE DE CODAGE, PROCEDE DE DECODAGE, DISPOSITIF DE CODAGE ET DISPOSITIF DE DECODAGE**
[72] TANIZAWA, AKIYUKI, JP
[72] CHUJOH, TAKESHI, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
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[54] **CUTTING INSERT, CUTTING BODY AND CLAMPING MECHANISM OF A CUTTING TOOL ASSEMBLY FOR CHIP REMOVAL**
[54] **PLAQUETTE DE COUPE, CORPS DE COUPE ET MECANISME DE SERRAGE D'UN ENSEMBLE D'OUTILS DE COUPE POUR RETRAIT DE PUCES**
[72] HECHT, GIL, IL
[73] ISCAR LTD., IL
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[54] **JUKEBOX NUMERIQUE AVEC FONCTIONS KARAOKE ET/OU CABINE PHOTO, ET PROCEDES ASSOCIES**
[72] RIVERA, ED, US
[72] TOOKER, MICHAEL, US
[72] GUY, FRANCOIS, US
[72] BEAUMIER, FRANCOIS, US
[72] BATTLE, CHARLES, US
[72] KHENFIR, MOUNIR, US
[72] GARNEAU, CHARLES, US
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[54] **SYSTEM AND METHOD FOR COMBINING CO-LOCATED FLOWMETERS**
[54] **SYSTEME ET PROCEDE DE COMBINAISON DE DEBITMETRES COIMPLANTES**
[72] FORBES, GRAHAM WYLIE, US
[72] GROESCHEL, KERRY DWAYNE, US
[73] DANIEL MEASUREMENT AND CONTROL, INC., US
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[54] **PRESSURE CLAMP ADAPTER FOR MOUNTING A THERMISTOR ON A THERMOSTAT CONTROL BRACKET**
[54] **ADAPTATEUR DE PINCE DE COMPRESSION POUR FIXER UNE THERMISTANCE SUR UN SUPPORT DE COMMANDE DE THERMOSTAT**
[72] LESAGE, CLAUDE, CA
[73] MICLAU - S.R.L. INC, CA
[86] (2849786)
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[54] **GAS SPRING AND GAS DAMPER ASSEMBLY AND METHOD**
[54] **ENSEMBLE RESSORT ET AMORTISSEUR A GAZ ET PROCEDE ASSOCIE**
[72] BOUNDS, JOSEPH A., US
[73] FIRESTONE INDUSTRIAL PRODUCTS COMPANY, LLC, US
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[72] CETINKAYA, EBRU, TR
[72] DEMIRCIOGLU, ISMAIL, TR
[72] AKYILDIZ, ERDEM, TR
[73] ARCELIK ANONIM SIRKETI, TR
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[54] **BIDIRECTIONAL DOWNHOLE FLUID FLOW CONTROL SYSTEM AND METHOD**
[54] **SYSTEME BIDIRECTIONNEL DE REGULATION DU DEBIT DU FLUIDE DU FOND DU PUITS ET PROCEDE**
[72] FRIPP, MICHAEL LINLEY, US
[72] DYKSTRA, JASON D., US
[72] DEJESUS, ORLANDO, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **SYSTEM AND METHOD OF POST-CURE PROCESSING OF COMPOSITE CORE**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT APRES DURCISSEMENT D'UN NOYAU COMPOSITE**
[72] KENDRICK, PHILLIP A., US
[72] WOYCHESIN, S. BRENT, US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2852585)
[87] (2852585)
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[54] **METHOD AND APPARATUS FOR ENDOVASCULAR THERAPY OF AORTIC PATHOLOGY**
[54] **PROCEDE ET APPAREIL POUR LA THERAPIE ENDOVASCULAIRE D'UNE PATHOLOGIE AORTIQUE**
[72] MADJAROV, JEKO METODIEV, US
[73] THE CHARLOTTE-MECKLENBURG HOSPITAL AUTHORITY D/B/A CAROLINAS HEALTHCARE SYSTEM, US
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[25] EN
[54] **DEVICE & METHOD FOR SMART, NON-HABITUATING, AUTOMATIC BIRD DETERRENT SYSTEM**
[54] **DISPOSITIF ET PROCEDE UTILISES POUR UN SYSTEME AUTOMATIQUE INTELLIGENT DE DISSUASION DES OISEAUX BASE SUR LA NON-ACCOUTUMANCE**
[72] NOHARA, TIMOTHY J., CA
[72] UKRAINEC, ANDREW M., CA
[72] JONES, GRAEME, CA
[72] BEASON, ROBERT C., US
[72] WEBER, PETER T., CA
[72] COSTA, DOMINGOS NELSON, CA
[72] KRASNOR, CARL, CA
[73] ACCIPITER RADAR TECHNOLOGIES INC., CA
[85] 2014-04-22
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[25] EN
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[72] CARPINO, PHILIP ALBERT, US
[72] CONN, EDWARD LEE, US
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[72] KUNG, DANIEL WEI-SHUNG, US
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[72] RUGGERI, ROGER BENJAMIN, US
[72] WARMUS, JOSEPH SCOTT, US
[72] ZHANG, YAN, US
[72] DOW, ROBERT LEE, US
[72] DOWLING, MATTHEW SCOTT, US
[72] ORR, SUVI TUULA MARJUKKA, US
[72] SAMMONS, MATTHEW FORREST, US
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[72] HAN, XINPING, CN
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[54] **HEADLAMP ASSEMBLY HAVING A HEAT SINK STRUCTURE AND WIRE HEATING ELEMENT FOR REMOVING WATER BASED CONTAMINATION**
[54] **ENSEMBLE DE PHARE COMPORTANT UNE STRUCTURE DE DISSIPATEUR THERMIQUE ET UN ELEMENT CHAUFFANT FILAIRE SERVANT A ENLEVER LA CONTAMINATION PAR L'EAU**
[72] MARLEY, MICHAEL, US
[73] TRUCK-LITE CO., LLC, US
[73] MARLEY, MICHAEL, US
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[54] **METHOD AND SYSTEM FOR IMPROVING RESOLUTION IN LASER IMAGING MICROSCOPY**
[54] **PROCEDE ET SYSTEME POUR AMELIORER LA RESOLUTION DANS UNE MICROSCOPIE D'IMAGERIE LASER**
[72] PICHE, MICHEL, CA
[72] DEHEZ, HAROLD, CA
[72] DE KONINCK, YVES, CA
[73] UNIVERSITE LAVAL, CA
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[54] **COMPOSITION ANTIBACTERIENNE CATIONIQUE**
[72] HALDAR, JAYANTA, IN
[72] VENKATESWARLU, YARLAGADDA, IN
[72] PADMA, AKKAPEDDI, IN
[73] JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH, IN
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[54] **METHOD FOR DELAYEDLY CROSSLINKING ENVIRONMENTALLY FRIENDLY FLUIDS**
[54] **PROCEDE DE RETICULATION DE MANIERE RETARDEE DE FLUIDES FAVORABLES A L'ENVIRONNEMENT**
[72] WESTON, MELISSA, US
[72] HOLTSCLAW, JEREMY, US
[72] LOVELESS, DAVID M., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **PLAQUE-ECROU A POSITIONNEMENT AUTOMATIQUE**
[72] JAMES, LOWELL S., US
[72] BICKFORD, JEFFRY G., US
[73] THE BOEING COMPANY, US
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[54] **FORMATION DE FAISCEAU NUMERIQUE PERMETTANT DE LUTTER SIMULTANEMENT CONTRE LES BROUILLAGES FAIBLES ET FORTS DANS UN SYSTEME DE NAVIGATION**
[72] DICKMAN, JEFF, US
[72] COSGROVE, MATHEW A., US
[73] NORTHROP GRUMMAN GUIDANCE AND ELECTRONICS COMPANY, INC., US
[85] 2014-05-23
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[54] **AN AMMONIA STRIPPER FOR A CARBON CAPTURE SYSTEM FOR REDUCTION OF ENERGY CONSUMPTION**
[54] **SYSTEME D'ELIMINATION DE L'AMMONIAQUE POUR SYSTEME DE CAPTURE DU CARBONE DESTINE A REDUIRE LA CONSOMMATION D'ENERGIE**
[72] AUGUSTSSON, OLA, SE
[72] TAHOCES, RAUL, DE
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
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[54] **DIAMOND ELECTRODE NANOGAP TRANSDUCERS**
[54] **TRANSDUCTEURS A NANO-INTERSTICE A ELECTRODE AU DIAMANT**
[72] ELIBOL, OGUZ H., US
[72] AKKAYA, ONUR C., US
[72] CREDO, GRACE M., US
[72] DANIELS, JONATHAN S., US
[72] TAYEBI, NOUREDDINE, US
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[54] **OUTIL SERVANT A APPLIQUER UN LIQUIDE SUR UNE SURFACE**
[72] TOMUTA, RAUL, US
[72] TOPF, RICHARD PHILIP, US
[72] DAVANCENS, ANGELICA, US
[72] GUIRGUIS, MARTIN HANNA, US
[72] TREND, DON DAVID, US
[72] SEDLER, ILYA, US
[72] GARCIA, CRIS HOWARD, US
[73] THE BOEING COMPANY, US
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[54] **TOOL HOLDER AND METHOD FOR CLAMPING A CUTTING INSERT THEREIN**
[54] **PORTE-OUTIL ET PROCEDE PERMETTANT D'Y FIXER UNE PLAQUETTE DE COUPE PAR SERRAGE**
[72] HECHT, GIL, IL
[73] ISCAR LTD., IL
[85] 2014-06-06
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[54] **PHARMACEUTICAL DOSAGE FORMS COMPRISING POLY (EPSILON-CAPROLACTONE) AND POLYETHYLENE OXIDE**
[54] **FORMES DOSIFIEES PHARMACEUTIQUES COMPRENANT DE LA POLY(OXEPAN-2-ONE) ET UN POLYETHYLENE OXYDE**
[72] MULEY, SHEETAL, US
[73] PURDUE PHARMA L.P., US
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[54] **METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION**
[54] **PROCEDES ET DISPOSITIFS POUR EFFECTUER LE TATOUAGE AUDIO ET LA DETECTION ET L'EXTRACTION DE TATOUAGE**
[72] TOPCHY, ALEXANDER PAVLOVICH, US
[72] RAMASWAMY, ARUN, US
[72] SRINIVASAN, VENUGOPAL, US
[73] THE NIELSEN COMPANY (US), LLC, US
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[54] **SILICA CONTAINING ALUMINA SUPPORTS, CATALYSTS MADE THEREFROM AND PROCESSES USING THE SAME**
[54] **SUPPORTS D'ALUMINE CONTENANT DE LA SILICE, CATALYSEURS OBTENUS A PARTIR DE CE SUPPORT ET PROCEDE D'UTILISATION DE CES DERNIERS**
[72] YU, XIANGHUA, US
[72] NESCI, BRUNO C., US
[72] ROMERO, ROBERTO, US
[72] MALICK, GILL M., US
[72] JIA, JIFEI, US
[72] RADLOWSKI, CECELIA A., US
[73] ADVANCED REFINING TECHNOLOGIES LLC, US
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[54] **TECHNIQUE D'AUTHENTIFICATION ET DE DETECTION PAR EXCITATION/EMISSION A MULTIPLES LONGUEURS D'ONDE**
[72] LAWANDY, NABIL, US
[72] SMUK, ANDREI, US
[72] OLSON, LEIF, US
[72] ZEPP, CHARLES, US
[73] SPECTRA SYSTEMS CORPORATION, US
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[54] **A HEAT PUMP SYSTEM HAVING A PRESSURE TRIP SENSOR RECALCULATION ALGORITHM CONTROLLER**
[54] **SYSTEME DE POMPE A CHALEUR COMPORTANT UN REGULATEUR D'ALGORITHMES DE RECALCUL A CAPTEUR DE DECLENCHEMENT DE PRESSION**
[72] GOEL, RAKESH, US
[72] BERG, ERIC, US
[72] HREJSA, PETE, US
[73] LENNOX INDUSTRIES INC., US
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[72] WICHMANN, THORSTEN, DE
[72] MEINCKE, ARNE, DE
[72] MIEZE, JAN, DE
[73] ACO SEVERIN AHLMANN GMBH & CO. KG, DE
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[54] **APPAREIL, SYSTEMES, ET PROCEDES DE DETECTION MAGNETIQUE**
[72] RODNEY, PAUL F., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **REGULATION D'ECOULEMENT DE PUITS COMPORTANT UNE RESTRICTION A ETAGES MULTIPLES**
[72] LOPEZ, JEAN-MARC, US
[72] HOLDERMAN, LUKE, US
[72] GRECI, STEPHEN MICHAEL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **LITHIUM CONTAINING GLASS WITH HIGH OXIDIZED IRON CONTENT AND METHOD OF MAKING SAME**
[54] **VERRE CONTENANT DU LITHIUM A TENEUR ELEVEE EN FER OXYDE ET SON PROCEDE DE FABRICATION**
[72] GOODWIN, GEORGE B., US
[72] ARBAB, MEHRAN, US
[72] HARRIS, CAROLINE S., US
[72] SHELESTAK, LARRY J., US
[73] PPG INDUSTRIES OHIO, INC., US
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[54] **COMPOSITIONS AND METHODS FOR LOWERING COUNTS OF PATHOGENIC MICROORGANISMS IN FOOD PRODUCTS**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT DE FAIRE BAISSER LE NOMBRE DE MICROORGANISMES PATHOGENES PRESENTS DANS DES PRODUITS ALIMENTAIRES**
[72] HULL, RICHARD, US
[72] TOLEDO, MO MUI, US
[72] TOLEDO, ROMEO, US
[73] ISOAGE TECHNOLOGIES LLC, US
[85] 2014-08-18
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[54] **ADVANCED PASS PROGRESSION FOR BUILD-UP WELDING**
[54] **PROGRESSION DE PASSAGES AVANCEE POUR SOUDURE PAR RECHARGEMENT**
[72] BRUCK, GERALD J., US
[72] GEORGIEVA, PETYA M., US
[72] SHINN, BRANDON W., US
[73] SIEMENS ENERGY, INC., US
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[54] **RAIL POUR VEHICULE ROULANT A EMPILEMENT**
[72] SCHILKE, ALAN, US
[72] GRUBB, FRED, US
[73] ROCKY MOUNTAIN COASTERS, INC., US
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[54] **PLANIFICATEUR D'ENTREE/SORTIE A LECTURE REDUITE**
[72] KRAMNIK, ALEXANDER, US
[72] MALNICK, NICOLAUS P., US
[72] HAYHURST, LYLE, US
[73] DRW TECHNOLOGIES LLC, US
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[54] **DISPOSITIF ET PROCEDE DE RECUPERATION DE DIOXYDE DE CARBONE**
[72] NAKAMURA, SHIKO, JP
[72] YAMANAKA, YASURO, JP
[72] TAKANO, KENJI, JP
[72] OKUNO, SHINYA, JP
[73] IHI CORPORATION, JP
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[54] **DIFFERENTIAL SIGNAL CONNECTOR CAPABLE OF REDUCING SKEW BETWEEN A DIFFERENTIAL SIGNAL PAIR**
[54] **CONNECTEUR POUR SIGNAUX DIFFERENTIELS POUVANT REDUIRE L'ECART ANGULAIRE ENTRE UNE PAIRE DE SIGNAUX DIFFERENTS**
[72] SHIRATORI, MASAYUKI, JP
[72] AIHARA, SHUICHI, JP
[72] KATAYANAGI, MASAYUKI, JP
[72] HASHIGUCHI, OSAMU, JP
[73] JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED, JP
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[87] (2866423)
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[54] **FUEL CELL SYSTEM WITH A CONTROLLER HAVING A PULSATING UNIT AND A PRESSURE INCREASING SETTING UNIT**
[54] **DISPOSITIF DE PILE A COMBUSTIBLE DOTE D'UN CONTROLEUR EQUIPE D'UN MODULE PULSATOIRE ET D'UN MODULE D'ETABLISSEMENT PROGRESSIF DE PRESSION**
[72] MAESHIMA, SUSUMU, JP
[72] IKEZOE, KEIGO, JP
[72] ICHIKAWA, YASUSHI, JP
[72] FUJII, TAKAHIRO, JP
[72] NAKA, TAKASHI, JP
[72] IWASAKI, DAIGO, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2014-09-15
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[54] SIGNALISATION DE NIVEAU POUR UN CODAGE VIDEO EN COUCHES
[72] BOYCE, JILL, US
[72] HONG, DANNY, US
[72] JANG, WONKAP, US
[72] WENGER, STEPHAN, US
[73] VIDYO, INC., US
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[54] FILM AYANT UNE COUCHE DE THERMOSOUDAGE COMPOSTABLE
[72] MOUNT, ELDRIDGE M., US
[72] PALTA, DEEPALI, US
[73] FRITO-LAY NORTH AMERICA, INC., US
[85] 2014-10-03
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[54] PISTON RIGIDE ADAPTE A UN ROBINET DE CHASSE A MEMBRANE
[72] BUSH, SHAWN D., US
[72] NOTTAGE, RYAN W., US
[73] SDB IP HOLDINGS, LLC, US
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[54] DISPOSITIF DE FIXATION CHIRURGICAL
[72] GUPTA, SAURAV V., US
[72] RANUCCI, KEVIN J., US
[73] C.R. BARD, INC., US
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[54] METHOD FOR TREATING MINE WASTE
[54] METHODE DE TRAITEMENT DE DECHETS MINIERS
[72] REN, WEI, CA
[72] SURY, KEN N., CA
[72] CLINGMAN, SCOTT R., US
[72] PEIFFER, DENNIS G., US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[86] (2871177)
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[25] EN
[54] BIFURCATED HIGHLY CONFORMABLE MEDICAL DEVICE BRANCH ACCESS
[54] BRANCHEMENT POUR DISPOSITIF MEDICAL HAUTEMENT CONFORMABLE A BIFURCATION
[72] HAGAMAN, LOGAN R., US
[72] HARTMAN, CODY L., US
[72] JACOBY, RUSSELL L., US
[72] WOLFE, ROARK N., US
[72] DAUGHERTY, JOHN R., US
[72] KOVACH, LARRY J., US
[73] W. L. GORE & ASSOCIATES, INC., US
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[22] 2010-10-08
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[51] Int.Cl. E21B 34/06 (2006.01) E21B 43/12 (2006.01)
[25] EN
[54] INFLOW CONTROL DEVICE HAVING ELONGATED SLOTS FOR BRIDGING OFF DURING FLUID LOSS CONTROL
[54] DISPOSITIF DE REGULATION DE DEBIT ENTRANT POURVU DE FENTES ALLONGEES POUR PONTAGE DURANT LA REGULATION DE LA PERTE DE FLUIDE
[72] MCGEOCH, ANDREW, GB
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2872264)
[87] (2872264)
[22] 2014-11-25
[30] US (61/909,691) 2013-11-27

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[51] **Int.Cl. F04D 25/08 (2006.01) F04D 29/40 (2006.01)**
[25] EN
[54] **ELECTRIC FAN**
[54] **VENTILATEUR**
[72] HA, SUNG WOO, KR
[73] HA, SUNG WOO, KR
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[51] **Int.Cl. A61K 9/14 (2006.01) A61K 31/4422 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **POLYMORPH COMPOSITIONS, METHODS OF MAKING, AND USES THEREOF**
[54] **COMPOSITIONS POLYMORPHES, LEURS PROCEDES DE FABRICATION ET LEURS UTILISATIONS**
[72] DAVIS, CARA R., US
[72] BURTON, KEVIN, US
[72] WINCHESTER, GARY, US
[72] STELLA, ANGELA R., US
[72] MACDONALD, R. LOCH, US
[72] HESHMATI, PARISSA, US
[73] EDGE THERAPEUTICS, INC., US
[73] EVONIK CORPORATION, US
[85] 2014-11-06
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[25] EN
[54] **METHODS AND ARRANGEMENTS FOR CSI REPORTING**
[54] **PROCEDES ET AGENCEMENTS POUR CONSIGNER L'ETAT DE CANAL**
[72] HAMMARWALL, DAVID, SE
[72] BERGMAN, SVANTE, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2014-11-12
[86] 2013-05-07 (PCT/SE2013/050514)
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[25] EN
[54] **DOOR LOCK SENSOR AND ALARM**
[54] **CAPTEUR DE SERRURE DE PORTE ET ALARME**
[72] COMERFORD, TIMOTHY NOONAN, US
[72] BATY, DAVID MATHEW, US
[72] AINLEY, WILLIAM BRIAN, US
[72] RETTIG, RAYMOND F., US
[72] AHEARN, JOHN ROBERT, US
[72] LYON, JOE, US
[73] SCHLAGE LOCK COMPANY LLC, US
[85] 2014-11-24
[86] 2013-05-23 (PCT/US2013/042497)
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[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **METHOD OF SUBSURFACE RESERVOIR FRACTURING USING ELECTROMAGNETIC PULSE ENERGY**
[54] **PROCEDE DE FRACTURATION DE GISEMENT SUBSURFACE A L'AIDE D'IMPULSIONS ELECTROMAGNETIQUES**
[72] SAEEDFAR, AMIN, CA
[73] HUSKY OIL OPERATIONS LIMITED, CA
[86] (2875485)
[87] (2875485)
[22] 2014-12-22
[30] US (61/924919) 2014-01-08

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[51] **Int.Cl. H04L 12/24 (2006.01)**
[25] EN
[54] **TECHNIQUES FOR PROVIDING DYNAMIC ACCOUNT AND DEVICE MANAGEMENT**
[54] **TECHNIQUES PERMETTANT UNE GESTION DYNAMIQUE DE COMPTE ET DE DISPOSITIF**
[72] AGBABIAN, PAUL, US
[72] COOLEY, SHAUN, US
[73] SYMANTEC CORPORATION, US
[85] 2014-12-12
[86] 2013-06-05 (PCT/US2013/044356)
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[25] EN
[54] **DRAWER SLIDE AND ELECTRONICALLY ACTUATED LOCKING MECHANISM**
[54] **COULISSE DE TIROIR ET MECANISME DE VERROUILLAGE ACTIONNE ELECTRONIQUEMENT**
[72] HASHEMI, DARUSH DAVID, US
[72] ZHOU, XIAOPING, US
[72] CHI, QUINN, US
[73] ACCURIDE INTERNATIONAL INC., US
[85] 2014-12-12
[86] 2013-07-18 (PCT/US2013/051152)
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[25] EN
[54] **PROPHYLACTIC/THERAPEUTIC AGENT FOR INFLUENZA VIRUS INFECTION**
[54] **AGENT PROPHYLACTIQUE/THERAPEUTIQUE POUR UNE INFECTION PAR LE VIRUS DE LA GRIPPE**
[72] TANAKA, TOHRU, JP
[72] NAKAJIMA, MOTOWO, JP
[72] TAKAHASHI, KIWAMU, JP
[72] ISHII, TAKUYA, JP
[72] KIDO, HIROSHI, JP
[72] CHIDA, JUNJI, JP
[72] YAMANE, KAZUHIKO, JP
[73] SBI PHARMACEUTICALS CO., LTD., JP
[73] TOKUSHIMA UNIVERSITY, JP
[85] 2014-12-18
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[25] EN
[54] **THERMOPLASTIC ELASTOMER COMPOSITION AND PROCESS TO PRODUCE SAME**
[54] **COMPOSITION D'ELASTOMERE THERMOPLASTIQUE ET PROCEDE DE PRODUCTION DE CELLE-CI**
[72] HARA, YUICHI, JP
[72] SATO, SHUN, JP
[72] BLOK, EDWARD J., US
[72] ELLUL, MARIA D., US
[72] DIAS, ANTHONY J., US
[72] RANDAL, HOWARD KERSTETTER, III, US
[73] THE YOKOHAMA RUBBER CO., LTD., JP
[73] EXXONMOBIL CHEMICAL PATENTS INC., US
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[54] **PEER-ASSISTED SHOPPING**
[54] **COURSES ASSISTEES PAR DES PAIRS**
[72] SPITZ, RICK, US
[72] SUNDUKOVSKIY, SERGEY, US
[72] GALINDO, DELFINO JR., US
[72] DOWNING, TODD, US
[72] BRIGGS, CHRISTIAN, US
[73] CINSAY, INC., US
[85] 2014-12-19
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[30] US (61/662,765) 2012-06-21
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[51] **Int.Cl. E21B 23/04 (2006.01) E21B 33/122 (2006.01) E21B 33/1295 (2006.01)**
[25] EN
[54] **PRESSURE ACTIVATED DOWN HOLE SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'OUTIL DE FOND DE TROU ACTIVE PAR PRESSION**
[72] ACOSTA, FRANK, US
[72] BUDLER, NICHOLAS, US
[72] SZARKA, DAVID, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-12-23
[86] 2013-12-26 (PCT/US2013/077821)
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[25] EN
[54] **DIGITAL ITEM INGESTION PROCESS**
[54] **PROCEDE D'ABSORPTION D'ELEMENTS NUMERIQUES**
[72] RAVIKUMAR, RAHUL, US
[72] MEHTA, CHIRAG ANIL, US
[72] SIWAPINYOYOS, MICHAEL R., US
[72] JOHNSON, STEPHEN C., US
[72] GILL, SUNBIR, US
[72] PATEL, MAYANK ARVINDBHAI, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2014-12-30
[86] 2013-07-05 (PCT/US2013/049431)
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[30] US (13/542,956) 2012-07-06

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[51] **Int.Cl. H04B 7/26 (2006.01)**
[25] EN
[54] **COMMUNICATION OF PREFERRED POWER CONSUMPTION CONFIGURATIONS**
[54] **COMMUNICATION DE CONFIGURATIONS DE CONSOMMATION DE PUISSANCE PREFEREES**
[72] KOC, ALI T., US
[72] JHA, SATISH C., US
[72] VANNITHAMBY, RATH, US
[72] GUPTA, MARUTI, US
[73] INTEL CORPORATION, US
[85] 2015-01-13
[86] 2013-09-27 (PCT/US2013/062172)
[87] (WO2014/052751)
[30] US (61/707,784) 2012-09-28

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[51] **Int.Cl. A61B 5/08 (2006.01) A61B 5/01 (2006.01) A61B 5/087 (2006.01)**
[25] EN
[54] **RESPIRATION MONITORING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE LA RESPIRATION**
[72] FELDMAN, DORON, US
[72] LERMAN, JERROLD, US
[72] FELDMAN, RONEN, US
[72] MOSER, JOHN, US
[72] FELDMAN, URI, US
[73] LINSHOM, L.P., US
[85] 2015-01-14
[86] 2013-07-08 (PCT/US2013/049511)
[87] (WO2014/018246)
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[51] **Int.Cl. B23K 37/00 (2006.01) G01D 11/24 (2006.01) G01F 1/66 (2006.01)**
[25] EN
[54] **WELDING FIXTURE**
[54] **BATI DE SOUDAGE**
[72] ALLEN, CHARLES ROBERT, US
[72] HA, CHAE H., US
[73] DANIEL MEASUREMENT AND CONTROL, INC., US
[85] 2015-01-16
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[51] **Int.Cl. B41F 17/00 (2006.01) A47G 1/02 (2006.01) B41J 2/01 (2006.01) B41M 7/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MANUFACTURING DECORATIVE GLASS, MIRROR AND OTHER SUBSTRATES**
[54] **METHODE ET APPAREIL DE FABRICATION DE VERRE DECORATIF, MIROIR ET AUTRES SUBSTRATS**
[72] GARSVA, VILIUS, CA
[73] IMAGIC GLASS INC., CA
[86] (2879471)
[87] (2879471)
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[51] **Int.Cl. C07D 207/34 (2006.01) A61K 31/40 (2006.01) A61P 29/00 (2006.01) C07D 231/14 (2006.01) C07D 249/10 (2006.01) C07D 401/04 (2006.01) C07D 405/04 (2006.01)**
[25] EN
[54] **CARBOXAMIDE OR SULFONAMIDE SUBSTITUTED NITROGEN-CONTAINING 5-MEMBERED HETEROCYCLES AS MODULATORS FOR THE ORPHAN NUCLEAR RECEPTOR ROR.GAMMA.**
[54] **HETEROCYCLES A 5 CHAINONS CONTENANT DE L'AZOTE SUBSTITUES PAR CARBOXAMIDE OU SULFONAMIDE EN TANT QUE MODULATEURS POUR LE RECEPTEUR NUCLEAIRE ORPHELIN ROR.GAMMA.**
[72] GEGE, CHRISTIAN, DE
[72] KINZEL, OLAF, DE
[72] STEENECK, CHRISTOPH, DE
[72] KLEYMANN, GERALD, DE
[72] HOFFMANN, THOMAS, DE
[73] PHENEX PHARMACEUTICALS AG, DE
[85] 2015-01-19
[86] 2013-05-29 (PCT/EP2013/001594)
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[30] US (61/681,296) 2012-08-09
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[51] **Int.Cl. E06B 5/16 (2006.01) E04B 1/94 (2006.01) E06B 3/70 (2006.01)**
[25] EN
[54] **GYPSUM COMPOSITES USED IN FIRE RESISTANT BUILDING COMPONENTS**
[54] **COMPOSITES DE PLATRE UTILISES DANS DES COMPOSANTS DE CONSTRUCTION RESISTANTS AU FEU**
[72] DANIELS, EVAN R., US
[72] NEWTON, JONATHAN, US
[73] THE INTELLECTUAL GORILLA GMBH, CH
[85] 2015-01-19
[86] 2013-06-28 (PCT/US2013/048712)
[87] (WO2014/005091)
[30] US (13/538,828) 2012-06-29
[30] US (13/538,788) 2012-06-29
[30] US (13/603,405) 2012-09-04
[30] US (13/610,542) 2012-09-11

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[13] C
[51] **Int.Cl. C01G 29/00 (2006.01) B82Y 30/00 (2011.01) B82Y 40/00 (2011.01) C01F 17/00 (2006.01) H05H 1/24 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCTION OF CORE/SHELL TYPE NANOPARTICLES, METHOD OF PRODUCTION OF SINTERED BODY USING THAT METHOD, AND THERMOELECTRIC CONVERSION MATERIAL PRODUCED BY THAT METHOD**
[54] **METHODE DE PRODUCTION DE NANOPARTICULES DE TYPE COEUR/ENVELOPPE, METHODE DE PRODUCTION D'UN CORPS FRITTE A L'AIDE DE LADITE METHODE ET MATERIAU DE CONVERSION THERMOELECTRIQUE PRODUIT PAR LADITE METHODE**
[72] WATANABE, MASAO, JP
[72] ISHIKIRIYAMA, MAMORU, JP
[72] KINOSHITA, YOUHEI, JP
[72] SAITO, NAGAHIRO, JP
[72] SUDARE, TOMOHITO, JP
[72] KODAMA, TOMOKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] NATIONAL UNIVERSITY CORPORATION NAGOYA UNIVERSITY, JP
[86] (2879605)
[87] (2879605)
[22] 2015-01-27
[30] JP (2014-017569) 2014-01-31

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[25] EN
[54] **HANDHELD CHARACTERISTIC ANALYZER**
[54] **ANALYSEUR PORTATIF DE CARACTERISTIQUES**
[72] TUNHEIM, OLA, NO
[72] WEBSTER, MARSHALL EDWARD, US
[72] WACHTEL, ALEXIS, II, US
[72] FREESE, ROBERT P., US
[72] MACLENNAN, JAMES ROBERT, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-20
[86] 2013-08-23 (PCT/US2013/056410)
[87] (WO2014/035823)
[30] US (13/600,288) 2012-08-31

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[51] **Int.Cl. A23C 19/06 (2006.01) A01J 25/00 (2006.01) A23C 19/00 (2006.01) A23C 19/068 (2006.01)**
[25] EN
[54] **CHEESE AND METHODS OF MAKING SUCH CHEESE**
[54] **FROMAGE ET METHODES DE FABRICATION DE CE FROMAGE**
[72] MERRILL, RICHARD K., US
[72] SINGH, MAYANK, US
[73] LEPRINO FOODS COMPANY, US
[86] (2880371)
[87] (2880371)
[22] 2005-05-03
[62] 2,565,232
[30] US (60/568,029) 2004-05-03

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[51] **Int.Cl. E21B 47/06 (2012.01) E21B 47/00 (2012.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SIMULATION OF DOWNHOLE CONDITIONS IN A WELL SYSTEM**
[54] **SYSTEME ET PROCEDE POUR SIMULATION DE CONDITIONS DE FOND DE TROU DANS UN SYSTEME DE PUITS**
[72] GONZALES, ADOLFO C., US
[72] KANG, YONGFENG, US
[72] MITCHELL, ROBERT, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2015-01-28
[86] 2013-08-06 (PCT/US2013/053815)
[87] (WO2014/025798)
[30] US (13/567,711) 2012-08-06

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[51] **Int.Cl. C04B 18/14 (2006.01) C04B 22/08 (2006.01)**
[25] EN
[54] **GEOPOLYMER CEMENT COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE CIMENT GEOPOLYMERE ET LEURS PROCEDES D'UTILISATION**
[72] CHATTERJI, JITEN, US
[72] BRENNEIS, DARRELL CHAD, US
[72] KEYS, CRYSTAL LYNNE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-28
[86] 2013-08-16 (PCT/US2013/055250)
[87] (WO2014/028792)
[30] US (13/587,397) 2012-08-16

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[51] **Int.Cl. E21B 43/34 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING OIL/GAS SEPARATION PROCESSES**
[54] **SYSTEMES ET PROCEDES POUR CONTROLER DES PROCESSUS DE SEPARATION PETROLE/GAZ**
[72] TUNHEIM, OLA, NO
[72] FREESE, ROBERT P., US
[72] MACLENNAN, JAMES ROBERT, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-28
[86] 2013-09-03 (PCT/US2013/057832)
[87] (WO2014/042969)
[30] US (13/618,152) 2012-09-14

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[25] EN
[54] **REACTIVE OXIDATIVE SPECIES GENERATING MATERIALS AND METHODS OF USE**
[54] **MATERIAUX GENERANT DES ESPECES OXYDATIVES REACTIVES ET LEURS PROCEDES D'UTILISATION**
[72] BROWN, TIFFANY J., US
[72] LAFLEUR, ADAM S., US
[72] MAZICH, KENNETH, US
[72] TOWLER, JEFFREY C., US
[72] ZHANG, JI, US
[73] W.L. GORE & ASSOCIATES, INC., US
[85] 2015-02-04
[86] 2013-08-30 (PCT/US2013/057451)
[87] (WO2014/036364)
[30] US (61/695,432) 2012-08-31
[30] US (14/013,117) 2013-08-29

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[51] **Int.Cl. B01F 15/04 (2006.01) B01J 19/26 (2006.01) G01N 1/28 (2006.01) G01N 1/38 (2006.01)**
[25] EN
[54] **REAGENT PREPARATION AND DISPENSING DEVICE**
[54] **PREPARATION DE REACTIF ET DISPOSITIF DE DISTRIBUTION**
[72] PEARCY, TIMOTHY, US
[72] SKAKOON, JAMES G., US
[73] BIOLYPH, LLC, US
[86] (2880981)
[87] (2880981)
[22] 2010-11-18
[62] 2,817,038

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[51] **Int.Cl. H04L 12/24 (2006.01)**
[25] EN
[54] **DYNAMICALLY ALLOCATING NETWORK ADDRESSES**
[54] **ATTRIBUTION DYNAMIQUE D'ADRESSES RESEAU**
[72] NIEMOLLER, ALBERT P., US
[72] DICKINSON, ANDREW B., US
[72] ROBERTS, BRADLEY D., US
[72] WEI, ERIC P., US
[72] WHITTAKER, COLIN J., US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2015-02-05
[86] 2013-09-13 (PCT/US2013/059631)
[87] (WO2014/046975)
[30] US (13/621,891) 2012-09-18

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[13] C
[51] **Int.Cl. B01D 53/14 (2006.01) C07C 7/11 (2006.01)**
[25] EN
[54] **PROCESS AND APPARATUS FOR REGENERATING A SCRUBBING LIQUID ENRICHED IN AROMATIC HYDROCARBONS**
[54] **PROCEDE ET APPAREIL DE REGENERATION D'UN LIQUIDE ABRASIF ENRICHI D'HYDROCARBURES AROMATIQUES**
[72] RICHTER, DIETHMAR, DE
[72] THIELERT, HOLGER, DE
[73] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
[85] 2015-02-05
[86] 2013-07-11 (PCT/EP2013/064715)
[87] (WO2014/023507)
[30] DE (10 2012 107 333.3) 2012-08-09

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[13] C
[51] **Int.Cl. H01S 5/068 (2006.01) H01S 5/0683 (2006.01) H01S 5/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING LIGHT PULSES BASED ON DIRECT CURRENT MODULATION OF A SEED LASER DIODE**
[54] **SYSTEME ET METHODE DE PRODUCTION D'IMPULSIONS LUMINEUSES FONDEES SUR UNE MODULATION EN COURANT DIRECT D'UNE DIODE D'AMORCAGE LASER**
[72] DESBIENS, LOUIS, CA
[73] INSTITUT NATIONAL D'OPTIQUE, CA
[86] (2881413)
[87] (2881413)
[22] 2015-02-06

[11] **2,881,757**
[13] C
[51] **Int.Cl. G01N 13/02 (2006.01) E21B 49/08 (2006.01)**
[25] EN
[54] **DETERMINING RESIDUAL SURFACTANT CONCENTRATIONS IN PRODUCED WATER**
[54] **DETERMINATION DE CONCENTRATIONS DE SURFACTANT RESIDUEL DANS L'EAU PRODUITE**
[72] RANE, JAYANT, US
[72] XU, LIANG, US
[72] FU, QIANG, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[86] (2881757)
[87] (2881757)
[22] 2015-02-13
[30] US (14/228,152) 2014-03-27

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[11] **2,882,175**
[13] C
[51] **Int.Cl. B24D 5/06 (2006.01) B24D 3/02 (2006.01)**
[25] EN
[54] **NON-ABRASIVE BACK COAT FOR COATED ABRASIVES**
[54] **COUCHE ARRIERE NON ABRASIVE POUR ABRASIFS REVETUS**
[72] GOLDSMITH, PAUL S., US
[72] PORTER, JOHN, CA
[72] GAETA, ANTHONY C., US
[73] SAINT-GOBAIN ABRASIVES, INC., US
[73] SAINT-GOBAIN ABRASIFS, FR
[86] (2882175)
[87] (2882175)
[22] 2011-05-27
[62] 2,792,573
[30] US (61/349,539) 2010-05-28

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[13] C
[51] **Int.Cl. A61B 17/68 (2006.01) A61B 17/86 (2006.01)**
[25] EN
[54] **ORTHOPEDIC COMPRESSION/DISTRACTION DEVICE**
[54] **DISPOSITI DE COMPRESSION/DISTRACTION ORTHOPEDIQUE**
[72] THOREN, BRIAN, US
[72] MCCORMICK, DANIEL, US
[72] HARNESS, DAVID, US
[72] REED, WESLEY, US
[72] CRAMER, THOMAS, US
[72] LOWERY, GARY, US
[73] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2015-02-20
[86] 2014-03-14 (PCT/US2014/028765)
[87] (WO2015/137976)

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[13] C
[51] **Int.Cl. G06F 11/32 (2006.01) G06F 1/20 (2006.01) G06F 3/14 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COMPUTER EQUIPMENT MANAGEMENT**
[54] **SYSTEMES ET PROCEDES POUR GESTION D'EQUIPEMENT INFORMATIQUE**
[72] SAWCZAK, STEPHEN D., US
[72] KOMLENIC, TODD, US
[72] ADAMS, MICHAEL, US
[73] THE PNC FINANCIAL SERVICES GROUP, INC., US
[86] (2882794)
[87] (2882794)
[22] 2009-02-13
[62] 2,718,733
[30] US (61/065,935) 2008-02-15

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[13] C
[51] **Int.Cl. C09C 1/02 (2006.01) D21H 17/00 (2006.01)**
[25] EN
[54] **RHEOLOGICALLY STABLE AQUEOUS MINERAL MATERIAL SUSPENSIONS COMPRISING ORGANIC POLYMERS HAVING REDUCED VOLATILE ORGANIC COMPOUND (VOC) CONTENT**
[54] **SUSPENSIONS DE MATIERE MINERALE AQUEUSES STABLES DE FACON RHEOLOGIQUE COMPRENANT DES POLYMERES ORGANIQUES AYANT UNE TENEUR REDUITE EN COMPOSE ORGANIQUE VOLATIL (COV)**
[72] RENTSCH, SAMUEL, CH
[72] BURI, MATTHIAS, CH
[72] GANE, PATRICK A. C., CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2015-02-24
[86] 2013-09-20 (PCT/EP2013/069641)
[87] (WO2014/048856)
[30] EP (12186131.4) 2012-09-26
[30] US (61/709,176) 2012-10-03

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[13] C
[51] **Int.Cl. B60B 37/04 (2006.01) B60B 27/00 (2006.01) F16B 39/10 (2006.01) F16B 41/00 (2006.01) B60B 27/06 (2006.01)**
[25] EN
[54] **WHEEL HUB NUT RETAINER PLATE**
[54] **PLAQUE DE FREIN D'ECROU POUR MOYEU DE ROUE**
[72] ECK, BRIAN, US
[72] ANDERSON, REID, US
[73] ARCTIC CAT INC., US
[85] 2015-03-03
[86] 2013-08-27 (PCT/US2013/056818)
[87] (WO2014/039328)
[30] US (13/603,188) 2012-09-04

[11] **2,884,113**
[13] C
[51] **Int.Cl. B60W 40/00 (2006.01) B61C 17/00 (2006.01)**
[25] EN
[54] **CUMULATIVE INERTIAL TRACTIVE EFFORT**
[54] **EFFORT DE TRACTION INERTIELLE CUMULATIVE**
[72] OLDKNOW, KEVIN DAVID, CA
[72] KENNEDY, WAYNE A., US
[72] PETERS, JOHN M., US
[72] NEDUNOORI, SRINI, US
[72] KADAM, DIVYA, US
[73] L.B. FOSTER RAIL TECHNOLOGIES, CORP., CA
[73] UNION PACIFIC RAILROAD, US
[86] (2884113)
[87] (2884113)
[22] 2015-03-05
[30] US (14/633,795) 2015-02-27

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[13] C
[51] **Int.Cl. A61M 1/12 (2006.01) A61M 1/10 (2006.01)**
[25] EN
[54] **VAD INTEGRATED FLOW SENSOR**
[54] **CAPTEUR DE DEBIT INTEGRE A UN VAD**
[72] TAMEZ, DAN, US
[72] VOSKOBOYNIKOV, NEIL, US
[73] HEARTWARE, INC., US
[85] 2015-03-05
[86] 2013-09-05 (PCT/US2013/058253)
[87] (WO2014/039673)
[30] US (61/697,087) 2012-09-05

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[13] C
[51] **Int.Cl. H04N 19/59 (2014.01) H04N 19/14 (2014.01) H04N 19/186 (2014.01) H04N 19/44 (2014.01)**
[25] EN
[54] **DETERMINING INTRA PREDICTION MODE OF IMAGE CODING UNIT AND IMAGE DECODING UNIT**
[54] **DETERMINATION D'UN MODE DE PREDICTION INTRA D'UNE UNITE DE CODAGE D'IMAGE ET D'UNE UNITE DE DECODAGE D'IMAGE**
[72] MIN, JUNG-HYE, KR
[72] ALSHINA, ELENA, KR
[72] HAN, WOO-JIN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2884537)
[87] (2884537)
[22] 2011-04-05
[62] 2,795,475
[30] KR (10-2010-0031145) 2010-04-05

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[13] C
[51] **Int.Cl. H05B 6/10 (2006.01) B29C 63/00 (2006.01) B44C 1/10 (2006.01) B44C 1/17 (2006.01) H05B 6/14 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR HEATING A MATERIAL**
[54] **PROCEDES ET APPAREIL PERMETTANT DE CHAUFFER UN MATERIAU**
[72] MILLER, ROBERT JAMES, US
[72] RAWLINGS, DIANE C., US
[73] THE BOEING COMPANY, US
[85] 2015-03-11
[86] 2013-09-19 (PCT/US2013/060534)
[87] (WO2014/070327)
[30] US (13/665,969) 2012-11-01

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[13] C
[51] **Int.Cl. C07D 401/14 (2006.01) C07D 401/12 (2006.01) C07D 407/14 (2006.01) C07D 409/14 (2006.01) C07D 491/08 (2006.01)**
[25] EN
[54] **BENZAMIDE AND HETEROBENZAMIDE COMPOUNDS**
[54] **COMPOSES DE BENZAMIDE ET HETEROBENZAMIDE**
[72] EDWARDS, MARTIN PAUL, US
[72] KUMPF, ROBERT ARNOLD, US
[72] KUNG, PEI-PEI, US
[72] MCALPINE, INDRAWAN JAMES, US
[72] RUI, EUGENE YUANJIN, US
[72] SUTTON, SCOTT CHANNING, US
[72] TATLOCK, JOHN HOWARD, US
[72] WYTHES, MARTIN JAMES, US
[73] PFIZER INC., US
[85] 2015-03-12
[86] 2013-09-16 (PCT/IB2013/058580)
[87] (WO2014/049488)
[30] US (61/707,447) 2012-09-28

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[13] C
[51] **Int.Cl. G08G 1/01 (2006.01) G08G 1/017 (2006.01)**
[25] EN
[54] **ROBUST WINDSHIELD DETECTION VIA LANDMARK LOCALIZATION**
[54] **DETECTION DE PARE-BRISE ROBUSTE PAR LOCALISATION DE REPERE GEOGRAPHIQUE**
[72] XU, BEILEI, US
[72] ARTAN, YUSUF O., US
[72] PAUL, PETER, US
[73] XEROX CORPORATION, US
[86] (2885019)
[87] (2885019)
[22] 2015-03-10
[30] US (14/245319) 2014-04-04

[11] **2,885,152**
[13] C
[51] **Int.Cl. E21B 19/22 (2006.01) E21B 19/00 (2006.01) E21B 23/00 (2006.01)**
[25] EN
[54] **MODULAR COILED TUBING UNIT**
[54] **UNITE DE TUBULURE ENROULEE MODULAIRE**
[72] WITTE, BRETT, US
[72] PARK, DO SEO, US
[73] PREMIER COIL SOLUTIONS, INC., US
[85] 2015-03-16
[86] 2013-09-20 (PCT/US2013/060984)
[87] (WO2014/047474)
[30] US (61/703,672) 2012-09-20
[30] US (13/962,767) 2013-08-08

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[13] C
[51] **Int.Cl. F04B 39/00 (2006.01) F04B 53/14 (2006.01)**
[25] EN
[54] **SEGMENTED FLUID END**
[54] **PARTIE HYDRAULIQUE SEGMENTEE**
[72] FOOTE, EARL, US
[73] SOUTHWEST OILFIELD PRODUCTS, INC., US
[85] 2015-03-17
[86] 2013-10-16 (PCT/US2013/065182)
[87] (WO2014/062768)
[30] US (61/715,140) 2012-10-17

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[13] C
[51] **Int.Cl. E21B 19/18 (2006.01) E21B 4/06 (2006.01) E21B 17/046 (2006.01)**
[25] EN
[54] **LOAD CROSS-OVER SLIP-JOINT MECHANISM AND METHOD OF USE**
[54] **MECANISME DE JOINT COULISSANT DE PONT DE CHARGE ET PROCEDE D'UTILISATION**
[72] STAUTZENBERGER, ARTHUR, US
[72] WATSON, BROCK, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-20
[86] 2012-10-01 (PCT/US2012/058242)
[87] (WO2014/055060)

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[13] C
[51] **Int.Cl. B60N 2/01 (2006.01)**
[25] EN
[54] **COMPACT SEATING ARRANGEMENT**
[54] **DISPOSITION COMPACTE DE SIEGES**
[72] MURRAY, IAN GORDON, GB
[73] GORDON MURRAY DESIGN LIMITED, GB
[86] (2886536)
[87] (2886536)
[22] 2008-03-14
[62] 2,680,427
[30] GB (0704966.1) 2007-03-15

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[13] C
[51] **Int.Cl. H04N 19/50 (2014.01) H04N 19/00 (2014.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PROCESSING VIDEO SIGNAL**
[54] **PROCEDE ET DISPOSITIF POUR TRAITER UN SIGNAL VIDEO**
[72] KOO, MOONMO, KR
[72] JUNG, JIWOOK, KR
[72] YEA, SEHOON, KR
[72] HEO, JIN, KR
[72] KIM, TAESUP, KR
[72] SUNG, JAEWON, KR
[72] SON, EUNYONG, KR
[73] LG ELECTRONICS INC., KR
[85] 2015-04-02
[86] 2013-10-04 (PCT/KR2013/008864)
[87] (WO2014/054896)
[30] US (61/710,759) 2012-10-07

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[13] C
[51] **Int.Cl. C12M 1/34 (2006.01) C12M 1/40 (2006.01) C12P 19/34 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **SYSTEM FOR AMPLIFICATION OF A FETAL DNA SPECIES**
[54] **SYSTEME D'AMPLIFICATION D'UNE ESPECE D'ADN FOETAL**
[72] LO, YUK MING DENNIS, HK
[72] POON, LIT MAN, HK
[73] THE CHINESE UNIVERSITY OF HONG KONG, CN
[86] (2887218)
[87] (2887218)
[22] 2002-08-30
[62] 2,456,140
[30] US (09/944,951) 2001-08-31

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[51] **Int.Cl. E21B 7/06 (2006.01)**
[25] EN
[54] **DIRECTIONAL DRILLING CONTROL USING A BENDABLE DRIVESHAFT**
[54] **COMMANDE DE FORAGE DIRECTIONNEL A L'AIDE D'UN ARBRE DE COMMANDE PLIABLE**
[72] SITKA, MARK A., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-07
[86] 2012-12-21 (PCT/US2012/071235)
[87] (WO2014/098892)

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[13] C
[51] **Int.Cl. E21B 19/10 (2006.01)**
[25] EN
[54] **METHOD OF CONTINUOUSLY RAISING AND LOWERING OILFIELD SHAFT DRILLSTRING AND DOUBLE TRAVELING SLIPS DEVICE**
[54] **PROCEDE DE LEVAGE/ABAISSEMENT CONTINU DE TRAIN DE TIGES DE FORAGE DE PUITS DE PETROLE ET APPAREIL A CALES MOBILES JUMELEES**
[72] HU, YONG, CN
[72] WANG, ZHIYI, CN
[72] LIN, ZHIZHONG, CN
[72] WEI, LIYAN, CN
[73] SONGYUAN CITY FORWARD PETROLEUM ENGINEERING MACHINERY CO., LTD, CN
[73] HU, YONG, CN
[85] 2015-04-07
[86] 2013-09-29 (PCT/CN2013/084585)
[87] (WO2014/056409)
[30] CN (201210381451.5) 2012-10-10

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[13] C
[51] **Int.Cl. A61B 17/88 (2006.01) A61B 17/80 (2006.01) A61F 2/42 (2006.01)**
[25] EN
[54] **MEDIAL-PLANTAR PLATE FOR MEDIAL COLUMN ARTHRODESIS**
[54] **PLAQUE PLANTAIRE INTERNE POUR ARTHRODESE DE LA COLONNE MEDIALE**
[72] PATEL, VINAY, US
[72] MCCOMBS-STEARNS, MARY, US
[73] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2015-04-08
[86] 2014-09-11 (PCT/US2014/055141)
[87] (WO2016/039753)

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[13] C
[51] **Int.Cl. C10G 55/06 (2006.01)**
[25] EN
[54] **METHOD OF PROCESSING LOW-GRADE HEAVY OIL**
[54] **PROCEDE POUR LE TRAITEMENT D'HUILE LOURDE DE QUALITE INFERIEURE**
[72] WANG, GANG, CN
[72] GAO, JINSEN, CN
[72] XU, CHUNMING, CN
[72] SHEN, BAOJIAN, CN
[72] WANG, HONGLIANG, CN
[73] CHINA UNIVERSITY OF PETROLEUM-BEIJING, CN
[85] 2014-09-24
[86] 2014-06-03 (PCT/CN2014/079081)
[87] (WO2015/043225)
[30] CN (201310455197.3) 2013-09-29

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[13] C
[51] **Int.Cl. B60W 30/08 (2012.01) B60P 1/04 (2006.01)**
[25] EN
[54] **TRANSPORTER VEHICLE, DUMP TRUCK, AND TRANSPORTER VEHICLE CONTROL METHOD**
[54] **VEHICULE TRANSPORTEUR, CAMION A BENNE ET METHODE DE COMMANDE DE VEHICULE TRANSPORTEUR**
[72] OHSUGI, SHIGERU, JP
[72] MITSUTA, SHINJI, JP
[72] WATANABE, HIROYUKI, JP
[72] MINATO, HIROFUMI, JP
[72] FUJITA, TETSUYA, JP
[73] KOMATSU LTD., JP
[85] 2015-04-13
[86] 2014-09-01 (PCT/JP2014/072942)
[87] (WO2015/030240)

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[13] C
[51] **Int.Cl. B05B 15/04 (2006.01)**
[25] FR
[54] **PROTECTION DEVICE AND METHOD IMPLEMENTING SUCH A DEVICE**
[54] **DISPOSITIF DE PROTECTION ET PROCEDE METTANT EN OEUVRE UN TEL DISPOSITIF**
[72] KRATZ, MARINE, FR
[73] MESSIER-BUGATTI-DOWTY, FR
[86] (2888253)
[87] (2888253)
[22] 2015-04-15
[30] FR (14 53985) 2014-04-30

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[13] C
[51] **Int.Cl. E21B 34/08 (2006.01) E21B 43/26 (2006.01) F16K 15/18 (2006.01)**
[25] EN
[54] **DOWNHOLE VALVE ASSEMBLY AND METHODS OF USING THE SAME**
[54] **ENSEMBLE SOUPAPE DE FOND ET SES PROCEDES D'UTILISATION**
[72] LINDSAY, SHARLENE DAWN, US
[72] HOWARD, ROBERT GORDON, US
[72] JONES, DESMOND WESLEY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-13
[86] 2013-11-05 (PCT/US2013/068450)
[87] (WO2014/085036)
[30] US (13/687,905) 2012-11-28

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[13] C
[51] **Int.Cl. A24D 3/04 (2006.01) A24D 3/02 (2006.01)**
[25] EN
[54] **INSERTABLE FILTER UNIT**
[54] **UNITE DE FILTRE POUVANT ETRE INTRODUITE**
[72] BROOKBANK, AARON, GB
[72] YOUNG, RICHARD, GB
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2015-04-15
[86] 2013-12-19 (PCT/EP2013/077544)
[87] (WO2014/096291)
[30] GB (1223159.3) 2012-12-21

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[13] C
[51] **Int.Cl. C25B 1/06 (2006.01) F02M 25/12 (2006.01)**
[25] EN
[54] **HYDROGEN ON-DEMAND FUEL SYSTEM FOR INTERNAL COMBUSTION ENGINES**
[54] **SYSTEME D'ALIMENTATION A LA DEMANDE EN HYDROGENE COMME CARBURANT POUR MOTEURS A COMBUSTION INTERNE**
[72] MONROS, SERGE V., US
[73] MONROS, SERGE V., US
[85] 2015-04-16
[86] 2014-01-30 (PCT/US2014/013905)
[87] (WO2014/120954)
[30] US (61/759,456) 2013-02-01
[30] US (14/168,567) 2014-01-30

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[13] C
[51] **Int.Cl. C09D 201/00 (2006.01) B41M 5/025 (2006.01) C09D 5/00 (2006.01) C09D 7/12 (2006.01)**
[25] EN
[54] **FILM-FORMING HYDROPHILIC POLYMERS FOR TRANSFIX PRINTING PROCESS**
[54] **POLYMERES HYDROPHILES FORMANT UNE PELLICULE DESTINES AU PROCEDE D'IMPRESSION TRANSFIX**
[72] SONG, GUIQIN, GAIL, CA
[72] SISLER, GORDON, CA
[72] YANG, SUXIA, CA
[72] ZHANG, QI, CA
[72] DOOLEY, BRYNN, CA
[72] MAYO, JAMES D., CA
[72] IFTIME, GABRIEL, US
[72] LIU, CHU-HENG, US
[72] ABRAHAM, BIBY ESTHER, CA
[73] XEROX CORPORATION, US
[86] (2888881)
[87] (2888881)
[22] 2015-04-20
[30] US (14/266,484) 2014-04-30

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[13] C
[51] **Int.Cl. A61B 17/12 (2006.01) A61F 2/01 (2006.01)**
[25] EN
[54] **JOINT ASSEMBLY FOR MEDICAL DEVICES**
[54] **ENSEMBLE DE FERMETURE POUR DISPOSITIFS MEDICAUX**
[72] LARSEN, COBY C., US
[72] MASTERS, STEVEN J., US
[72] MCDANIEL, THOMAS R., US
[73] W. L. GORE & ASSOCIATES, INC., US
[85] 2015-04-21
[86] 2013-10-30 (PCT/US2013/067510)
[87] (WO2014/078078)
[30] US (61/727,328) 2012-11-16
[30] US (13/834,562) 2013-03-15

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[13] C
[51] **Int.Cl. B01J 19/24 (2006.01) C10G 45/00 (2006.01) C10G 47/00 (2006.01)**
[25] EN
[54] **HIGH-RATE REACTOR SYSTEM**
[54] **SYSTEME DE REACTEUR A DEBIT ELEVE**
[72] COPPOLA, EDWARD N., US
[72] NANA, SANJAY, US
[72] RED, CHARLES, JR, US
[73] APPLIED RESEARCH ASSOCIATES, INC., US
[85] 2015-04-21
[86] 2013-10-22 (PCT/US2013/066191)
[87] (WO2014/066396)
[30] US (61/716,636) 2012-10-22
[30] US (61/824,167) 2013-05-16

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[13] C
[51] **Int.Cl. C09K 8/68 (2006.01) C09K 8/70 (2006.01)**
[25] EN
[54] **EXPANDED WELLBORE SERVICING MATERIALS AND METHODS OF MAKING AND USING SAME**
[54] **MATERIAUX EXPANSES D'ENTRETIEN DE PUITS DE FORAGE ET PROCEDES POUR LES PREPARER ET LES UTILISER**
[72] TANG, TINGJI, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-21
[86] 2013-09-24 (PCT/US2013/061425)
[87] (WO2014/065973)
[30] US (13/662,105) 2012-10-26

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[13] C
[51] **Int.Cl. E21B 43/08 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **WELL SCREEN WITH CHANNEL FOR SHUNT OR CABLE LINE**
[54] **CREPINE DE PUITS DOTEE DE CANAL POUR CABLE METALLIQUE OU DE DERIVATION**
[72] CUNNINGHAM, GREGORY SCOTT, US
[72] GRECI, STEPHEN MICHAEL, US
[72] LOPEZ, JEAN MARC, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-21
[86] 2012-10-26 (PCT/US2012/062123)
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[25] EN
[54] **DETECTING AND MITIGATING ABNORMAL COMBUSTION CHARACTERISTICS**
[54] **DETECTION ET ATTENUATION DES CARACTERISTIQUES DE COMBUSTION ANORMALES**
[72] HUANG, JIAN, CA
[72] LEE, KEVIN D., CA
[73] WESTPORT POWER INC., CA
[86] (2889605)
[87] (2889605)
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[51] **Int.Cl. A63B 67/14 (2006.01) A63B 43/06 (2006.01)**
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[54] **NIGHT PUCK**
[54] **RONDELLE DE NUIT**
[72] RICHARD, RICKY, CA
[73] NIGHT PUCK TECHNOLOGY INC., CA
[86] (2889838)
[87] (2889838)
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[13] C
[51] **Int.Cl. B66C 1/10 (2006.01) B66C 1/42 (2006.01) F03D 1/00 (2006.01)**
[25] EN
[54] **GRIPPING DEVICE FOR HANDLING REINFORCEMENT CAGES FOR TOWER SEGMENTS OF A WIND TURBINE**
[54] **DISPOSITIF DE PREHENSION DESTINE A MANIPULER DES CAGES D'ARMATURE POUR DES SEGMENTS DE TOUR D'UNE EOLIENNE**
[72] MEYER, INGO, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2015-04-29
[86] 2013-10-14 (PCT/EP2013/071427)
[87] (WO2014/079628)
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[54] **INTEGRATED CIRCUITS IN OPTICAL RECEIVERS**
[54] **CIRCUITS INTEGRES DANS DES RECEPTEURS OPTIQUES**
[72] KALOGERAKIS, GEORGIOS, US
[72] LI, LIONEL, US
[72] NGUYEN, THE'LINH, US
[73] FINISAR CORPORATION, US
[85] 2015-04-29
[86] 2013-10-28 (PCT/US2013/067130)
[87] (WO2014/070675)
[30] US (13/663,056) 2012-10-29

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[51] **Int.Cl. B66B 7/12 (2006.01)**
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[54] **LIFT INSTALLATION**
[54] **INSTALLATION D'UN APPAREIL DE LEVAGE**
[72] DOLD, FLORIAN, CH
[72] ZAPF, VOLKER, CH
[73] INVENTIO AG, CH
[85] 2015-04-30
[86] 2013-12-06 (PCT/EP2013/075826)
[87] (WO2014/095430)
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[51] **Int.Cl. A43B 1/04 (2006.01) A43B 23/02 (2006.01)**
[25] EN
[54] **ARTICLE OF FOOTWEAR INCORPORATING BRAIDED TENSILE STRANDS**
[54] **ARTICLE DE CHAUSSURE RENFERMANT DES FILS DE TENSION TRESSES**
[72] FOLLET, LYSANDRE, US
[73] NIKE INNOVATE C.V., US
[85] 2015-05-04
[86] 2014-01-14 (PCT/US2014/011393)
[87] (WO2014/113356)
[30] US (13/741,449) 2013-01-15

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[51] **Int.Cl. B01D 53/54 (2006.01) B01D 53/14 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **ISOBARIC PRESSURE EXCHANGER IN AMINE GAS PROCESSING**
[54] **ECHANGEUR DE PRESSION ISOBARE DANS UN TRAITEMENT DE GAZ AMINE**
[72] ARLUCK, JAMES LEE, US
[72] MARTIN, JEREMY GRANT, US
[72] KRISH, PREM, US
[73] ENERGY RECOVERY, INC., US
[85] 2015-05-05
[86] 2013-11-08 (PCT/US2013/069328)
[87] (WO2014/074939)
[30] US (61/724,031) 2012-11-08
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[51] **Int.Cl. B29C 70/54 (2006.01) B29C 70/20 (2006.01) B29C 70/30 (2006.01) B64C 1/06 (2006.01)**
[25] EN
[54] **METHOD OF FABRICATING A CURVED COMPOSITE STRUCTURE USING COMPOSITE PREPREG TAPE**
[54] **PROCEDE DE FABRICATION D'UNE STRUCTURE COMPOSITE INCURVEE A L'AIDE D'UNE BANDE DE PREIMPREGNE COMPOSITE**
[72] SMITH, DANIEL RICHARD, US
[72] MODIN, ANDREW E., US
[72] DEPASE, EDOARDO, US
[72] DARROW, DONALD CHESTER, US
[72] KLEWIADA, MARK, US
[73] THE BOEING COMPANY, US
[85] 2015-05-05
[86] 2013-11-20 (PCT/US2013/070918)
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[30] US (13/736,021) 2013-01-07

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[25] EN
[54] **METHOD AND APPARATUS FOR A WELLBORE ACCUMULATOR SYSTEM ASSEMBLY**
[54] **METHODE ET APPAREIL DESTINES A UN MECANISME DE SYSTEME D'ACCUMULATEUR DE TROU DE FORAGE**
[72] FAGLEY, WALTER STONE THOMAS,IV, US
[72] INGRAM, GARY DURON, US
[72] WILSON, PAUL JAMES, US
[72] HARRALL, SIMON JOHN, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2891734)
[87] (2891734)
[22] 2010-10-26
[62] 2,720,076
[30] US (61/258,847) 2009-11-06

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[51] **Int.Cl. B28C 7/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CALCULATING AND REPORTING SLUMP IN DELIVERY VEHICLES**
[54] **PROCEDE ET SYSTEME POUR CALCULER ET RAPPORTER UN AFFAISSEMENT DE VEHICULES DE LIVRAISON**
[72] COOLEY, ROY, US
[72] VERDINO, STEVE, US
[72] TOPPUTO, MICHAEL, US
[72] COMPTON, JOHN I., US
[72] BRICKLER, JEROLD, US
[72] FITZPATRICK, ROBERT B., US
[72] PETERS, MARK E., US
[73] VERIFI LLC, US
[86] (2891790)
[87] (2891790)
[22] 2008-06-19
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[30] US (11/764,832) 2007-06-19
[30] US (11/834,002) 2007-08-05

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[13] C
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **VERTICAL COAPTATION ZONE IN A PLANAR PORTION OF PROSTHETIC HEART VALVE LEAFLET**
[54] **ZONE DE COAPTATION VERTICALE DANS UNE PARTIE PLANAIRE DE FEUILLET DE VALVULE CARDIAQUE PROTHETIQUE**
[72] BRUCHMAN, WILLIAM C., US
[72] HARTMAN, CODY L., US
[73] W.L. GORE & ASSOCIATES, INC., US
[85] 2015-05-22
[86] 2013-12-16 (PCT/US2013/075380)
[87] (WO2014/099774)
[30] US (61/739,721) 2012-12-19
[30] US (13/869,524) 2013-04-24

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[13] C
[51] **Int.Cl. B64C 25/26 (2006.01)**
[25] FR
[54] **LANDING GEAR WITH REALIGNING LOCK LINK ASSEMBLY**
[54] **ATTERRISSEUR A CONTREFICHE SECONDAIRE A REALIGNEMENT**
[72] HENRION, PHILIPPE, FR
[72] DUCOS, DOMINIQUE, FR
[72] NGUYEN, NICOLAS, FR
[73] MESSIER-BUGATTI-DOWTY, FR
[85] 2015-05-21
[86] 2013-11-29 (PCT/EP2013/075129)
[87] (WO2014/083170)
[30] FR (12 03253) 2012-11-30

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[13] C
[51] **Int.Cl. B64D 11/04 (2006.01)**
[25] EN
[54] **GALLEY CART BAY DOOR LATCH**
[54] **LOQUET DE PORTE DE BAIE DE CHARIOT DE CUISINE DE BORD**
[72] BURD, PETER JOHN LESLIE, GB
[73] B/E AEROSPACE, INC., US
[85] 2015-05-29
[86] 2013-11-27 (PCT/US2013/072317)
[87] (WO2014/085644)
[30] US (61/731,275) 2012-11-29
[30] US (14/091,045) 2013-11-26

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[13] C
[51] **Int.Cl. B29C 70/50 (2006.01) B29D 99/00 (2010.01)**
[25] EN
[54] **FABRICATION OF REINFORCED THERMOPLASTIC COMPOSITE PARTS**
[54] **FABRICATION DE PIECES COMPOSITES THERMOPLASTIQUES RENFORCEES**
[72] BARTEL, AARON W., US
[72] GIDEON, DAVID E., US
[72] LARSON, MICHAEL H., US
[73] THE BOEING COMPANY, US
[85] 2015-06-01
[86] 2013-11-18 (PCT/US2013/070565)
[87] (WO2014/107236)
[30] US (13/732,624) 2013-01-02

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[13] C
[51] **Int.Cl. B66B 17/08 (2006.01) B66B 17/26 (2006.01) B66B 17/32 (2006.01)**
[25] EN
[54] **LARGE-TONNAGE SLENDER EXTERNALLY POWERED CURVE RAIL-MOUNTED UNLOADING SKIP**
[54] **BENNE DE DECHARGEMENT MONTEE SUR RAIL COURBE ALIMENTEE DE L'EXTERIEUR ET AYANT UNE FORME MINCE ET UN TONNAGE ELEVE**
[72] ZHU, ZHENCAI, CN
[72] ZHOU, GONGBO, CN
[72] HU, CHANGHUA, CN
[72] CAO, GUOHUA, CN
[72] LI, WEI, CN
[72] CHEN, GUOAN, CN
[72] PENG, YUXING, CN
[72] DU, QINGYONG, CN
[72] WANG, MIAO, CN
[73] XUZHOU COAL MINE SAFETY EQUIPMENT MANUFACTURE CO., LTD., CN
[73] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2015-09-24
[86] 2014-03-26 (PCT/CN2014/074090)
[87] (WO2015/074358)
[30] CN (201310598737.3) 2013-11-25

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[13] C
[51] **Int.Cl. C21B 3/06 (2006.01) C22B 34/12 (2006.01)**
[25] EN
[54] **METHOD FOR HANDLING OF TITANIA SLAG FOR FURTHER PROCESSING**
[54] **PROCEDE DE MANIPULATION DE LAITIER DE DIOXYDE DE TITANE EN VUE D'UN TRAITEMENT ULTERIEUR**
[72] PALANDER, MARKO, FI
[73] OUTOTEC (FINLAND) OY, FI
[85] 2015-06-04
[86] 2013-12-18 (PCT/FI2013/051176)
[87] (WO2014/096541)
[30] FI (20126334) 2012-12-19

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[13] C
[51] **Int.Cl. E21B 33/129 (2006.01) E21B 33/134 (2006.01)**
[25] EN
[54] **INSERTS HAVING GEOMETRICALLY SEPARATE MATERIALS FOR SLIPS ON DOWNHOLE TOOL**
[54] **PIECES RAPPORTEES POURVUES DE MATERIAUX SEPARES GEOMETRIQUEMENT POUR ENSEMBLES DE GLISSEMENT D'OUTIL DE FOND DE TROU**
[72] MHASKAR, NAUMAN H., US
[72] ROCHEN, JAMES A., US
[72] YOUNG, JONATHAN A., US
[73] WEATHERFORD/LAMB, INC., US
[86] (2894749)
[87] (2894749)
[22] 2015-06-17
[30] US (62/013,835) 2014-06-18

[11] **2,895,348**
[13] C
[51] **Int.Cl. F16B 37/06 (2006.01) B23P 19/06 (2006.01)**
[25] EN
[54] **METHOD FOR ATTACHING A JOINT ELEMENT IN A METAL SHEET AND JOINT ELEMENT**
[54] **PROCEDE PERMETTANT DE FIXER UN ELEMENT A ASSEMBLER DANS UNE TOLE METALLIQUE, ET ELEMENT A ASSEMBLER**
[72] SCHMIDT, HEIKO, DE
[73] SCHMIDT, HEIKO, DE
[85] 2015-06-16
[86] 2014-03-03 (PCT/DE2014/100072)
[87] (WO2014/166478)
[30] DE (10 2013 103 609.0) 2013-04-10
[30] DE (10 2013 104 224.4) 2013-04-25

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[25] EN
[54] **SUBSTITUTED PYRIMIDINE AMINOALKYL-QUINAZOLONES AS PHOSPHATIDYLINOSITOL 3-KINASE INHIBITORS**
[54] **PYRIMIDINE AMINOALKYL-QUINAZOLONES SUBSTITUEES EN TANT QU'INHIBITEURS DE PHOSPHATIDYLINOSITOL 3-KINASE**
[72] EVARTS, JERRY, US
[72] PATEL, LEENA, US
[72] TREIBERG, JENNIFER A., US
[72] PERREAULT, STEPHANE, US
[72] YEUNG, ARTHUR, US
[72] PURVIS, LAFE J., II, US
[72] KIM, MUSONG, US
[73] GILEAD CALISTOGA LLC, US
[85] 2015-06-18
[86] 2013-12-20 (PCT/US2013/077311)
[87] (WO2014/100765)
[30] US (61/745,429) 2012-12-21

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[51] **Int.Cl. A61B 17/84 (2006.01) A61B 17/16 (2006.01) A61B 17/88 (2006.01) A61F 2/44 (2006.01)**
[25] EN
[54] **MTV IMPLANT SET**
[54] **KIT D'IMPLANTATION MTV**
[72] MULLER, FRIEDRICH, DE
[73] MULLER, FRIEDRICH, DE
[85] 2015-06-22
[86] 2013-01-15 (PCT/EP2013/050682)
[87] (WO2014/111134)

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[51] **Int.Cl. F21S 8/00 (2006.01) F21K 9/00 (2016.01) F21V 13/04 (2006.01) A47F 11/10 (2006.01)**
[25] EN
[54] **CABINET LAMP**
[54] **LAMPE D'ARMOIRE**
[72] YU, LI, CN
[72] CHUN, CHEN NAN, CN
[72] FENG, DU, CN
[72] LIANG, XIN HUI, CN
[73] ZHONGSHAN WINSTAR ELECTRICAL CO., LTD., CN
[86] (2896544)
[87] (2896544)
[22] 2015-07-09
[30] CN (201520184182.2) 2015-03-25

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[51] **Int.Cl. G06K 7/08 (2006.01) H04W 4/24 (2009.01) H04W 12/06 (2009.01) H04W 84/18 (2009.01) G06Q 20/32 (2012.01) H04B 5/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR A BASEBAND NEARFIELD MAGENTIC STRIPE DATA TRANSMITTER**
[54] **SYSTEME ET PROCEDE POUR UN EMETTEUR DE DONNEES A PISTE MAGNETIQUE EN CHAMP PROCHE EN BANDE DE BASE**
[72] WALLNER, GEORGE, US
[73] SAMSUNG PAY, INC., US
[85] 2015-07-02
[86] 2014-01-10 (PCT/US2014/010964)
[87] (WO2014/113278)
[30] US (61/754,608) 2013-01-20
[30] US (13/826,101) 2013-03-14
[30] US (13/867,387) 2013-04-22

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[13] C
[51] **Int.Cl. G01T 1/20 (2006.01) G01V 5/00 (2006.01)**
[25] EN
[54] **COMPOUND OPTICAL COUPLER AND SUPPORT MECHANISM**
[54] **COUPLEUR OPTIQUE COMPOSE ET MECANISME SUPPORT**
[72] MEDLEY, DWIGHT, US
[72] FREDERICK, LARRY D., US
[72] ESTILL, DEAN, US
[73] HUNTING TITAN, INC., US
[86] (2897090)
[87] (2897090)
[22] 2007-02-06
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[51] **Int.Cl. E03D 1/30 (2006.01)**
[25] EN
[54] **TOILET FLAPPER VALVE WITH ADJUSTABLE MOUNTS AND ASSEMBLY**
[54] **CLAPET A BATTANT POUR TOILETTE DOTE DE FIXATIONS REGLABLES**
[72] GUTHRIE, KEVIN J., US
[72] DEAN, MICHAEL, US
[73] LAVELLE INDUSTRIES, INC., US
[86] (2897309)
[87] (2897309)
[22] 2015-07-14
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[13] C
[51] **Int.Cl. E21B 33/13 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **METHODS OF DESIGNING A DRILLING FLUID HAVING SUSPENDABLE LOSS CIRCULATION MATERIAL**
[54] **PROCEDES POUR LA CONCEPTION D'UN FLUIDE DE FORAGE AYANT UN MATERIAU DE CIRCULATION PERDU POUVANT ETRE MIS EN SUSPENSION**
[72] KULKARNI, SANDEEP D., US
[72] TEKE, KUSHABHAU D., IN
[72] SAVARI, SHARATH, US
[72] JAMISON, DALE E., US
[72] WHITFILL, DON, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-07-07
[86] 2014-03-10 (PCT/US2014/022456)
[87] (WO2014/164447)
[30] US (13/798,560) 2013-03-13

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[51] **Int.Cl. G01D 21/00 (2006.01)**
[25] EN
[54] **WIRELESS INTERFACE WITHIN TRANSMITTER**
[54] **INTERFACE RADIO A L'INTERIEUR D'UN TRANSMETTEUR**
[72] KOROLEV, EUGENE, US
[73] ROSEMOUNT INC., US
[85] 2015-07-09
[86] 2014-01-30 (PCT/US2014/013774)
[87] (WO2014/143429)
[30] US (13/835,074) 2013-03-15

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[51] **Int.Cl. G01F 1/32 (2006.01) G01F 1/46 (2006.01) G01F 1/50 (2006.01)**
[25] EN
[54] **FLOWMETER PRIMARY ELEMENT WITH SENSORS**
[54] **ELEMENT PRIMAIRE DE DEBITMETRE DOTE DE CAPTEURS**
[72] STROM, GREGORY ROBERT, US
[72] HEDTKE, ROBERT CARL, US
[72] WIKLUND, DAVID EUGENE, US
[73] ROSEMOUNT INC., US
[85] 2015-07-09
[86] 2014-02-04 (PCT/US2014/014567)
[87] (WO2014/149203)
[30] US (13/834,613) 2013-03-15

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[51] **Int.Cl. G01V 1/40 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **DETERMINING FRACTURE LENGTH VIA RESONANCE**
[54] **DETERMINATION DE LONGUEUR DE FRACTURE PAR L'INTERMEDIAIRE DE RESONANCE**
[72] DOROVSKY, VITALY N., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-07-16
[86] 2013-12-13 (PCT/US2013/074963)
[87] (WO2014/113160)
[30] US (13/745,232) 2013-01-18

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[51] **Int.Cl. A61F 13/04 (2006.01) A61F 13/06 (2006.01)**
[25] EN
[54] **TOTAL CONTACT CAST**
[54] **PLATRE A CONTACT TOTAL**
[72] ANDREWS, HUGH, DE
[72] MCCALL, SCOTT ANDREW, US
[73] BSN MEDICAL, INC., US
[85] 2015-07-16
[86] 2013-04-17 (PCT/US2013/036869)
[87] (WO2014/171928)

[11] **2,898,830**
[13] C
[51] **Int.Cl. D06F 39/00 (2006.01) D06F 39/02 (2006.01)**
[25] EN
[54] **LAUNDRY TREATMENT APPARATUS WITH WATER SUPPLY UNIT AND SOFTENER SUPPLY UNIT WITH PARTS IN FLUIDIC COMMUNICATION**
[54] **APPAREIL DE TRAITEMENT DE LA LESSIVE DOTE D'UN MODULE D'APPROVISIONNEMENT EN EAU ET D'UN MODULE D'APPROVISIONNEMENT EN ASSOUPLISSEUR COMPORTANT DES PIECES EN COMMUNICATION FLUIDIQUE**
[72] LEE, JIHONG, KR
[72] SANG, MINKYU, KR
[73] LG ELECTRONICS INC., KR
[86] (2898830)
[87] (2898830)
[22] 2015-07-29
[30] KR (10-2014-0097234) 2014-07-30

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[51] **Int.Cl. D03D 1/00 (2006.01) A62B 35/00 (2006.01) A62B 35/04 (2006.01) B60R 22/16 (2006.01) B64D 25/06 (2006.01) D03D 11/00 (2006.01) D03D 15/04 (2006.01) D03D 15/08 (2006.01)**
[25] EN
[54] **ENERGY ABSORBING FABRIC AND METHOD OF MANUFACTURING SAME**
[54] **TISSU ABSORBANT DE L'ENERGIE ET SON PROCEDE DE FABRICATION**
[72] RUSSELL, TIMOTHY M., US
[73] YKK CORPORATION OF AMERICA, US
[85] 2015-07-21
[86] 2014-01-22 (PCT/US2014/012417)
[87] (WO2014/143411)
[30] US (13/828,367) 2013-03-14

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[51] **Int.Cl. B29C 45/64 (2006.01)**
[25] EN
[54] **AN ACTUATOR FOR A MOLDING SYSTEM**
[54] **ACTIONNEUR POUR UN SYSTEME DE MOULAGE**
[72] NOGUEIRA, JOAQUIM MARTINS, CA
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2015-07-28
[86] 2014-01-21 (PCT/CA2014/050039)
[87] (WO2014/127469)
[30] US (61/766,204) 2013-02-19

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[13] C
[51] **Int.Cl. C09K 15/06 (2006.01) C09K 8/54 (2006.01)**
[25] EN
[54] **LOW VISCOSITY METAL-BASED HYDROGEN SULFIDE SCAVENGERS**
[54] **PIEGEURS DE SULFURE D'HYDROGENE A BASE D'UN METAL DE FAIBLE VISCOSITE**
[72] SANDU, CORINA L., US
[72] BAO, YUN, US
[72] WEERS, JERRY J., US
[72] POLAND, ROSS, US
[72] LEUNG, PHILIP L., US
[72] ZHANG, LEI, US
[72] SCHIELD, JOHN A., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-08-06
[86] 2014-02-19 (PCT/US2014/017037)
[87] (WO2014/130503)
[30] US (61/766,512) 2013-02-19
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[25] EN
[54] **PROCESSING EXHAUST FOR USE IN ENHANCED OIL RECOVERY**
[54] **TRAITEMENT DE L'ECHAPPEMENT A UTILISER DANS UNE RECUPERATION DE PETROLE AMELIOREE**
[72] HUNTINGTON, RICHARD A., US
[72] DENTON, ROBERT D., US
[72] MCMAHON, PATRICK D., US
[72] BOHRA, LALIT K., US
[72] DICKSON, JASPER L., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2015-08-07
[86] 2014-02-24 (PCT/US2014/018088)
[87] (WO2014/137647)
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[25] EN
[54] **TUBULYSIN COMPOUNDS, METHODS OF MAKING AND USE**
[54] **COMPOSES DE TUBULYSINE, PROCEDES D'ELABORATION ET D'UTILISATION CORRESPONDANTS**
[72] CHENG, HENG, US
[72] CONG, QIANG, US
[72] GANGWAR, SANJEEV, US
[73] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2015-08-10
[86] 2014-02-10 (PCT/US2014/015503)
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[25] EN
[54] **BIOLOGICAL INDICATOR FOR OXIDATIVE STERILANTS**
[54] **INDICATEUR BIOLOGIQUE POUR DES AGENTS STERILISANTS OXYDANTS**
[72] FRANCISKOVICH, PHILLIP P., US
[72] CREGGER, TRICIA A., US
[73] AMERICAN STERILIZER COMPANY, US
[85] 2015-08-13
[86] 2014-02-24 (PCT/US2014/017916)
[87] (WO2014/149384)
[30] US (13/840,509) 2013-03-15

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[25] EN
[54] **METHOD AND STERILIZATION INDICATOR SYSTEM FOR DETERMINING EFFICACY OF STERILIZATION PROCESSES**
[54] **METHODE ET SYSTEME D'INDICATEUR DE STERILISATION SERVANT A DETERMINER L'EFFICACITE DES PROCEDES DE STERILISATION**
[72] FRANCISKOVICH, PHILLIP P., US
[72] CREGGER, TRICIA A., US
[73] AMERICAN STERILIZER COMPANY, US
[85] 2015-08-13
[86] 2014-02-24 (PCT/US2014/017907)
[87] (WO2014/149382)
[30] US (13/832,158) 2013-03-15

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[51] **Int.Cl. C08G 77/04 (2006.01) H01L 33/56 (2010.01) H01L 23/29 (2006.01)**
[25] EN
[54] **SILOXANE COMPOUND AND PROCESS FOR PRODUCING THE SAME**
[54] **COMPOSE SILOXANE ET SON PROCEDE DE PRODUCTION**
[72] LIU, YUZHOU, US
[72] KELLER, KEITH A., US
[72] WILSON, MICHAEL E., US
[73] MILLIKEN & COMPANY, US
[85] 2015-08-14
[86] 2014-04-11 (PCT/US2014/033755)
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[30] US (61/811,467) 2013-04-12
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[25] EN
[54] **BICRUCIATE RETAINING TIBIAL IMPLANT SYSTEM**
[54] **SYSTEME D'IMPLANT TIBIAL CONSERVANT LES LIGAMENTS CROISES**
[72] COLLAZO, CARLOS E., US
[72] LEIBOWITZ, EVAN, US
[72] RAMACHANDRAN, RAHUL, US
[73] STRYKER CORPORATION, US
[85] 2015-08-19
[86] 2014-02-21 (PCT/US2014/017664)
[87] (WO2014/130804)
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[25] EN
[54] **REFRACTORY MOLD AND METHOD OF MAKING**
[54] **MOULE REFRACTAIRE ET PROCEDES DE FABRICATION**
[72] HANRAHAN, MICHAEL R., US
[72] PATTEUW, SKIP L., US
[73] HITCHINER MANUFACTURING CO., INC., US
[85] 2015-08-20
[86] 2014-02-06 (PCT/US2014/014987)
[87] (WO2014/143455)
[30] US (13/804,676) 2013-03-14

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[51] **Int.Cl. F23G 5/027 (2006.01) C10B 53/02 (2006.01) F01K 27/00 (2006.01)**
[25] EN
[54] **BIOMASS PYROLYSIS APPARATUS, AND POWER GENERATION SYSTEM**
[54] **APPAREIL DE PYROLYSE DE BIOMASSE ET SYSTEME DE PRODUCTION D'ENERGIE**
[72] ENDOU, YUUKI, JP
[72] YAMAMOTO, HIROTAMI, JP
[72] ISHIKAWA, KEIICHI, JP
[73] MITSUBISHI HEAVY INDUSTRIES ENVIRONMENTAL & CHEMICAL ENGINEERING CO., LTD., JP
[85] 2015-08-25
[86] 2014-03-26 (PCT/JP2014/058546)
[87] (WO2014/168004)
[30] JP (2013-082232) 2013-04-10

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[51] **Int.Cl. B60N 2/34 (2006.01) B64D 11/06 (2006.01)**
[25] EN
[54] **AIRCRAFT SEAT EMPLOYING DUAL ACTUATORS FOR SEAT TRANSLATION AND SEAT RECLINE**
[54] **SIEGE D'AERONEF EMPLOYANT DEUX ACTIONNEURS DE TRANSLATION DE SIEGE ET D'INCLINAISON DE SIEGE**
[72] UDRISTE, DANIEL, US
[72] DE LA GARZA, JAVIER VALDES, US
[72] BEROTH, MICHAEL, US
[73] B/E AEROSPACE, INC., US
[85] 2015-08-27
[86] 2014-04-08 (PCT/US2014/033313)
[87] (WO2014/168938)
[30] US (61/809,577) 2013-04-08

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[51] **Int.Cl. B62D 55/07 (2006.01)**
[25] EN
[54] **SNOWMOBILE**
[54] **MOTONEIGE**
[72] YASUDA, ATSUSHI, JP
[72] OGURA, KOTARO, JP
[73] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[86] (2903120)
[87] (2903120)
[22] 2015-08-27
[30] JP (2014-181982) 2014-09-08

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[13] C
[51] **Int.Cl. B62D 55/07 (2006.01)**
[25] EN
[54] **SNOWMOBILE**
[54] **MOTONEIGE**
[72] YASUDA, ATSUSHI, JP
[72] OGURA, KOTARO, JP
[73] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[86] (2903135)
[87] (2903135)
[22] 2015-08-27
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[51] **Int.Cl. C08G 75/045 (2016.01) C08G 59/66 (2006.01) C08L 81/02 (2006.01)**
[25] EN
[54] **SULFONE-CONTAINING POLYTHIOETHERS, COMPOSITIONS THEREOF, AND METHODS OF SYNTHESIS**
[54] **POLYTHIOETHERSULFONES, LEURS COMPOSITIONS, ET PROCEDES DE SYNTHESE**
[72] RAO, CHANDRA B., US
[72] CAI, JUEXIAO, US
[72] LIN, RENHE, US
[73] PRC-DESOTO INTERNATIONAL, INC., US
[85] 2015-09-01
[86] 2014-03-11 (PCT/US2014/023325)
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[51] **Int.Cl. C10B 21/00 (2006.01) C10B 29/00 (2006.01)**
[25] EN
[54] **HORIZONTAL HEAT RECOVERY COKE OVENS HAVING MONOLITH CROWNS**
[54] **FOURS A COKE HORIZONTAUX A RECUPERATION DE CHALEUR COMPORTANT UNE VOUTE MONOLITHE**
[72] WEST, GARY DEAN, US
[72] QUANCI, JOHN FRANCIS, US
[73] SUNCOKE TECHNOLOGY AND DEVELOPMENT, LLC, US
[85] 2015-09-02
[86] 2014-03-14 (PCT/US2014/028837)
[87] (WO2014/153050)
[30] US (13/829,588) 2013-03-14

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[51] **Int.Cl. C12N 5/071 (2010.01) A61K 35/407 (2015.01)**
[25] EN
[54] **ENGINEERED LIVER TISSUES, ARRAYS THEREOF, AND METHODS OF MAKING THE SAME**
[54] **TISSUS HEPATIQUES MODIFIES, ENSEMBLES CORRESPONDANTS ET LEURS PROCEDES DE PRODUCTION**
[72] SHEPHERD, BENJAMIN R., US
[72] ROBBINS, JUSTIN B., US
[72] GORGEN, VIVIAN A., US
[72] PRESNELL, SHARON C., US
[73] ORGANOVO, INC., US
[85] 2015-09-02
[86] 2014-03-13 (PCT/US2014/026679)
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[30] US (13/841,430) 2013-03-15

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[25] EN
[54] **SYNTHESIS AND COMPOSITION OF AMINO ACID LINKING GROUPS CONJUGATED TO COMPOUNDS USED FOR THE TARGETED IMAGING OF TUMORS**
[54] **SYNTHESE ET COMPOSITION DE GROUPES DE LIAISON D'ACIDES AMINES CONJUGUES A DES COMPOSES UTILISES POUR L'IMAGERIE CIBLEE DE TUMEURS**
[72] LOW, PHILIP S., US
[72] KULARATNE, SUMITH A., US
[72] MAHALINGAM, SAKKARAPALAYAM M., US
[73] PURDUE RESEARCH FOUNDATION, US
[85] 2015-09-03
[86] 2013-08-26 (PCT/US2013/056629)
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[30] US (61/791,921) 2013-03-15

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[13] C
[51] **Int.Cl. G01F 1/40 (2006.01) G01F 15/18 (2006.01)**
[25] EN
[54] **PROCESS VARIABLE MEASUREMENT USING PRIMARY ELEMENT CONNECTION PLATFORM**
[54] **MESURE DE VARIABLES DE PROCEDE AU MOYEN D'UNE PLATE-FORME DE RACCORDEMENT D'ELEMENTS PRIMAIRES**
[72] STROM, GREGORY ROBERT, US
[72] DEEGAN, PAUL TIMOTHY, US
[73] DIETERICH STANDARD, INC., US
[85] 2015-09-08
[86] 2014-03-07 (PCT/US2014/021597)
[87] (WO2014/149942)
[30] US (13/836,263) 2013-03-15

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[13] C
[51] **Int.Cl. E21B 33/08 (2006.01) E21B 17/02 (2006.01)**
[25] EN
[54] **PRE-MOUNTED EXCHANGE INSERT OF A DRILL WASH DEVICE**
[54] **INSERTION D'ECHANGE PRE INSTALLEE POUR DISPOSITIF DE LESSIVAGE DE TREPAN**
[72] GLAWION, MICHAEL, DE
[72] LANG, KLAUS, DE
[72] HOFMANN, JENS, DE
[72] JOHANNES, ROLF, DE
[72] WANNER, VOLKERT, DE
[73] EAGLEBURGMANN GERMANY GMBH & CO. KG, DE
[86] (2904708)
[87] (2904708)
[22] 2015-09-16
[30] DE (102014221000.3) 2014-10-16

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[13] C
[51] **Int.Cl. E04G 17/06 (2006.01) E04C 2/288 (2006.01) E04G 11/06 (2006.01)**
[25] EN
[54] **IMPROVED INSULATING CONCRETE FORM (ICF) SYSTEM WITH TIE MEMBER MODULARITY**
[54] **SYSTEME DE COFFRAGE DE BETON ISOLANT (ICF) AMELIORE AVEC ELEMENT D'ATTACHE MODULAIRE**
[72] PFEIFFER, HENRY E., US
[73] ICF MFORM LLC, US
[85] 2015-09-10
[86] 2014-01-10 (PCT/US2014/011143)
[87] (WO2014/158303)
[30] US (13/796,034) 2013-03-12

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[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ARRANGING AND SEARCHING A DATABASE OF MEDIA CONTENT RECORDINGS**
[54] **PROCEDES ET SYSTEMES PERMETTANT D'AGENCER UNE BASE DE DONNEES D'ENREGISTREMENTS DE CONTENU MULTIMEDIA ET D'Y EFFECTUER DES RECHERCHES**
[72] WANG, AVERY LI-CHUN, US
[72] WOODHEAD, IRA JOSEPH, US
[72] ELSEN, ERICH KONRAD, US
[73] SHAZAM INVESTMENTS LTD., GB
[85] 2015-09-10
[86] 2014-03-12 (PCT/US2014/024117)
[87] (WO2014/150746)
[30] US (13/837,284) 2013-03-15

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[25] EN
[54] **LASER-BASED AGRICULTURE SYSTEM**
[54] **DISPOSITIF AGRICOLE A LASER**
[72] OOI, BOON, SA
[72] WONG, ALOYSIUS, SA
[72] NG, TIEN KHEE, SA
[73] KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, SA
[86] (2905897)
[87] (2905897)
[22] 2015-09-29
[30] US (62/056,853) 2014-09-29

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[51] **Int.Cl. A61M 16/04 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **ENDOTRACHEAL TUBE RETENTION SYSTEM**
[54] **SYSTEME DE RETENUE DE TUBE ENDOTRACHEAL**
[72] PHILLIPS, GRANT W., US
[72] MEYER, ELIZABETH A., US
[72] WILLIAMS, DEREK M., US
[72] PICHA, GEORGE J., US
[72] WALSH, KATHLEEN, US
[73] APPLIED MEDICAL TECHNOLOGY, INC., US
[85] 2015-09-14
[86] 2014-03-17 (PCT/US2014/030499)
[87] (WO2014/145694)
[30] US (61/791,663) 2013-03-15

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[51] **Int.Cl. A45C 5/02 (2006.01) A45C 13/08 (2006.01) A45C 1/06 (2006.01) A45C 5/03 (2006.01)**
[25] EN
[54] **STORAGE DEVICE WITH THREE-DIMENSIONAL PROTRUSIONS ON THE OUTER SURFACE**
[54] **DISPOSITIF DE RANGEMENT POSSEDANT DES RELIEFS EN TROIS DIMENSIONS SUR SA SURFACE EXTERIEURE**
[72] MORSZECK, DIETER, DE
[73] RIMOWA GMBH, DE
[85] 2015-09-21
[86] 2014-03-28 (PCT/EP2014/056266)
[87] (WO2014/154855)
[30] DE (20 2013 002 980.3) 2013-03-28

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[13] C
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **SINGLE NUCLEOTIDE DETECTION METHOD**
[54] **METHODE DE DETECTION DE MONONUCLEOTIDE**
[72] FRAYLING, CAMERON ALEXANDER, GB
[72] BALMFORTH, BARNABY, GB
[72] SOARES, BRUNO FLAVIO NOGUEIRA DE SOUSA, GB
[72] ISAAC, THOMAS HENRY, GB
[72] BREINER, BORIS, GB
[72] NATALE, ALESSANDRA, GB
[72] AMASIO, MICHELE, GB
[72] DEAR, PAUL, GB
[73] BASE4 INNOVATION LTD, GB
[73] MEDICAL RESEARCH COUNCIL, GB
[85] 2015-09-23
[86] 2014-04-09 (PCT/GB2014/051106)
[87] (WO2014/167324)
[30] GB (1306445.6) 2013-04-09

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[51] **Int.Cl. B60S 5/02 (2006.01) B67D 7/04 (2010.01) B67D 7/34 (2010.01) G06Q 20/00 (2012.01)**
[25] EN
[54] **AUTOMATED SYSTEM FOR FUELING VEHICLES**
[54] **SYSTEME AUTOMATISE POUR LE RAVITAILLEMENT EN CARBURANT DE VEHICULES**
[72] BUTLER, CHARLES ROLAND, JR., US
[73] BUTLER, CHARLES ROLAND, JR., US
[85] 2015-09-30
[86] 2014-04-10 (PCT/US2014/033594)
[87] (WO2014/172173)
[30] US (13/863,093) 2013-04-15

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[13] C
[51] **Int.Cl. A47J 42/16 (2006.01) A24B 7/00 (2006.01) B02C 7/11 (2006.01) B26B 25/00 (2006.01)**
[25] EN
[54] **PORTABLE ELECTRIC AND HAND OPERATED HERB GRINDER**
[54] **MOULIN A HERBES PORTATIF ELECTRIQUE OU MANUEL**
[72] MROUE, HEBA, CA
[73] LUVNKURE INC., CA
[86] (2909262)
[87] (2909262)
[22] 2015-10-16
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[51] **Int.Cl. B02C 4/30 (2006.01)**
[25] EN
[54] **CRUSHING ROLLER FOR A ROLLER CRUSHER**
[54] **CYLINDRE BROYEUR POUR BROYEUR A CYLINDRE**
[72] PETACK, BURKHARD, DE
[72] STENZEL, THOMAS, DE
[72] SCHMIDT, MARKO, DE
[73] TAKRAF GMBH, DE
[85] 2015-10-15
[86] 2014-04-16 (PCT/EP2014/057727)
[87] (WO2014/170371)
[30] DE (10 2013 207 092.6) 2013-04-19

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[13] C
[51] **Int.Cl. B64C 13/28 (2006.01) B64C 13/30 (2006.01) B64C 27/54 (2006.01)**
[25] FR
[54] **MECHANICAL DEVICE FOR COMBINING AT LEAST A FIRST AND A SECOND COMMAND ORDER, AND AIRCRAFT EQUIPPED WITH SUCH A DEVICE**
[54] **DISPOSITIF MECANIQUE POUR COMBINER AU MOINS UN PREMIER ORDRE ET UN DEUXIEME ORDRE DE COMMANDE, ET AERONEF MUNI D'UN TEL DISPOSITIF**
[72] TEMPIER, CHRISTOPHE, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2909649)
[87] (2909649)
[22] 2015-10-14
[30] FR (14 02458) 2014-10-30

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[51] **Int.Cl. C08L 53/00 (2006.01) C08K 3/00 (2006.01) C08K 5/00 (2006.01) C08L 33/06 (2006.01) C09B 67/20 (2006.01) C09B 67/46 (2006.01) C09D 11/00 (2014.01) C09D 17/00 (2006.01)**
[25] EN
[54] **AQUEOUS EMULSION SOLUTION, COLORING AGENT COMPOSITION CONTAINING SAID AQUEOUS SOLUTION, AQUEOUS INKJET INK, AND METHOD FOR PRODUCING AQUEOUS EMULSION SOLUTION**
[54] **SOLUTION AQUEUSE EN EMULSION, COMPOSITION D'AGENT COLORANT CONTENANT LADITE SOLUTION AQUEUSE, ENCRE AQUEUSE POUR JET D'ENCRE, ET PROCEDE DE PRODUCTION D'UNE SOLUTION AQUEUSE EN EMULSION**
[72] SHIMANAKA, HIROYUKI, JP
[72] MURAKAMI, YOSHIKAZU, JP
[72] AOYAGI, SHINICHIRO, JP
[72] YOSHIKAWA, SACHIO, JP
[72] YAMAZAKI, MITSUO, JP
[73] DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD., JP
[85] 2015-10-20
[86] 2014-04-17 (PCT/JP2014/060925)
[87] (WO2014/175162)
[30] JP (2013-089311) 2013-04-22

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[51] **Int.Cl. C22C 38/06 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01)**
[25] EN
[54] **STEEL SHEET**
[54] **TOLE D'ACIER**
[72] MOROHOSHI, TAKASHI, JP
[72] ARAMAKI, TAKASHI, JP
[72] ZEZE, MASAFUMI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-10-20
[86] 2014-04-24 (PCT/JP2014/061573)
[87] (WO2014/175381)
[30] JP (2013-092408) 2013-04-25

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[13] C
[51] **Int.Cl. A61D 99/00 (2006.01) A01K 13/00 (2006.01)**
[25] EN
[54] **ANIMAL HEALTH MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DE SANTE ANIMALE**
[72] STEWART, ROBERT, US
[73] ALLFLEX USA, INC., US
[85] 2015-11-06
[86] 2014-04-21 (PCT/US2014/034816)
[87] (WO2014/182428)
[30] US (61/821,608) 2013-05-09

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[13] C
[51] **Int.Cl. G01M 3/16 (2006.01) C23F 13/20 (2006.01) E04D 13/00 (2006.01) E04D 13/16 (2006.01)**
[25] EN
[54] **LEAK DETECTION IN ROOF MEMBRANES**
[54] **DETECTION DE FUITE DANS LES MEMBRANES DE TOIT**
[72] VOKEY, DAVID E., CA
[72] BRIDGES, MARK K., US
[73] DETEC SYSTEMS LTD., CA
[86] (2911883)
[87] (2911883)
[22] 2015-11-10

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[13] C
[51] **Int.Cl. G03F 7/00 (2006.01)**
[25] EN
[54] **METHOD OF IMPROVING PRINT PERFORMANCE IN FLEXOGRAPHIC PRINTING PLATES**
[54] **PROCEDE D'AMELIORATION DES PERFORMANCES D'IMPRESSION DANS DES PLAQUES D'IMPRESSION FLEXOGRAPHIQUE**
[72] BOUKAFTANE, CHOUAIB, US
[73] MACDERMID PRINTING SOLUTIONS, LLC, US
[85] 2015-11-12
[86] 2014-04-09 (PCT/US2014/033447)
[87] (WO2014/186073)
[30] US (13/892,406) 2013-05-13

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[51] **Int.Cl. C04B 28/24 (2006.01) C04B 22/04 (2006.01) C04B 22/06 (2006.01) C04B 28/04 (2006.01)**
[25] EN
[54] **METHODS OF CEMENTING AND LASSENITE-CONTAINING CEMENT COMPOSITIONS**
[54] **PROCEDES DE CIMENTATION ET COMPOSITIONS DE CIMENT CONTENANT DU LASSENITE**
[72] MUTHUSAMY, RAMESH, IN
[72] GOSAVI, TUSHAR, IN
[72] PATIL, RAHUL CHANDRAKANT, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[87] (WO2015/030924)
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[54] **MECANISME DE REPERAGE D'UN CORPS DE RIDEAU D'UN RIDEAU SANS CORDE**
[72] CHEN, PO-YU, TW
[73] CHIN-FU CHEN, TW
[86] (2913427)
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[54] **NEW POLYMORPHIC FORMS OF ICOTINIB PHOSPHATE AND USES THEREOF**
[54] **NOUVELLES FORMES POLYMORPHES DE PHOSPHATE D'ICOTINIB ET LEURS UTILISATIONS**
[72] HU, SHAOJING, CN
[72] LONG, WEI, CN
[72] WANG, FEI, CN
[72] WANG, YINXIANG, CN
[72] DING, LIEMING, CN
[73] BETTA PHARMACEUTICALS CO., LTD., CN
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[54] **POLYMORPH FORMS OF ICOTINIB MALEATE AND USES THEREOF**
[54] **FORMES POLYMORPHES DE MALEATE D'ICOTINIB ET UTILISATIONS DE CELLES-CI**
[72] HU, SHAOJING, CN
[72] LONG, WEI, CN
[72] WANG, FEI, CN
[72] WANG, YINXIANG, CN
[72] DING, LIEMING, CN
[73] BETTA PHARMACEUTICALS CO., LTD, CN
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[54] **POLYMORPHIC FORMS OF ICOTINIB AND USES THEREOF**
[54] **FORMES POLYMORPHE D'ICOTINIB ET UTILISATIONS CORRESPONDANTES**
[72] HU, SHAOJING, CN
[72] LONG, WEI, CN
[72] WANG, FEI, CN
[72] WANG, YINXIANG, CN
[72] DING, LIEMING, CN
[73] BETTA PHARMACEUTICALS CO., LTD, CN
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[87] (WO2014/198212)
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[54] **PROCEDE DE STOCKAGE DE GOUTTELETTES**
[72] FRAYLING, CAMERON ALEXANDER, GB
[73] BASE4 INNOVATION LTD, GB
[85] 2015-12-09
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[25] EN
[54] **BIS(SULFONYL)ALKANOL-CONTAINING POLYTHIOETHERS, METHODS OF SYNTHESIS, AND COMPOSITIONS THEREOF**
[54] **POLYTHIOETHERS CONTENANT UN BIS(SULFONYL)ALCANOL, PROCEDES DE SYNTHESE ET COMPOSITIONS DE CEUX-CI**
[72] RAO, CHANDRA B., US
[72] CAI, JUEXIAO, US
[72] LIN, RENHE, US
[73] PRC-DESOTO INTERNATIONAL, INC., US
[85] 2015-12-21
[86] 2014-06-20 (PCT/US2014/043356)
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[54] **A REEL PIPE MOTOR AND A ROLLING CURTAIN POSITIONING CONTROL SYSTEM**
[54] **UN MOTEUR DE DEVIDOIR DE TUYAU ET UN MECANISME DE COMMANDE DE POSITIONNEMENT DE RIDEAU ENROULEUR**
[72] LU, XIANFENG, CN
[72] CHEN, JIANGUO, CN
[72] HU, MENGXU, CN
[73] NINGBO XIANFENG NEW MATERIAL CO., LTD., CN
[85] 2016-01-14
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[54] **METHOD AND DEVICE FOR DISTILLATIVE SEPARATION OF A THREE- OR MULTI-COMPONENT MIXTURE**
[54] **PROCEDE ET DISPOSITIF DE SEPARATION PAR DISTILLATION D'UN MELANGE TRICOMPOSANT OU MULTICOMPOSANT**
[72] JANSEN, HELMUT, DE
[72] AIGNER, MAXIMILIAN, DE
[72] PROCHASKA, JAN, DE
[73] WACKER CHEMIE AG, DE
[85] 2016-01-21
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[54] **SYK INHIBITORS**
[54] **INHIBITEURS SYK**
[72] CURRIE, KEVIN S., US
[72] DU, ZHIMIN, US
[72] FARAND, JULIE, US
[72] GUERRERO, JUAN A., US
[72] KATANA, ASHLEY A., US
[72] KATO, DARRYL, US
[72] LAZERWITH, SCOTT, E., US
[72] LI, JIAYAO, US
[72] LINK, JOHN, O., US
[72] MAI, NICHOLAS, US
[72] NOTTE, GREGORY, US
[72] PYUN, HYUNG-JUNG, US
[72] SANGI, MICHAEL, US
[72] SCHMITT, AARON, C., US
[72] SCHRIER, ADAM, J., US
[72] STEVENS, KIRK, L., US
[72] VENKATARAMANI, CHANDRASEKAR, US
[72] WATKINS, WILLIAM, J., US
[72] YANG, ZHENG-YU, US
[72] ZABLOCKI, JEFF, US
[72] ZIPFEL, SHEILA, US
[72] LO, JENNIFER, US
[72] LEE, SEUNG H., US
[72] ZHAO, ZHONGDONG, US
[72] KROPF, JEFFREY, US
[72] XU, JIANJUN, US
[72] BLOMGREN, PETER, US
[72] MITCHELL, SCOTT A., US
[72] XIONG, JINMING, US
[72] CHANDRASEKHAR, JAYARAMAN, US
[73] GILEAD SCIENCES, INC., US
[85] 2016-01-26
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[30] US (61/860,870) 2013-07-31
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[51] **Int.Cl. A01F 12/44 (2006.01)**
[25] EN
[54] **GRAIN SEPARATING APPARATUS IN A COMBINE HARVESTER**
[54] **APPAREIL DE SEPARATION DE GRAIN DANS UNE MOISSONNEUSE-BATTEUSE**
[72] BILDE, MORTEN LETH, DK
[73] AGCO A/S, DK
[85] 2016-01-27
[86] 2014-10-23 (PCT/EP2014/072748)
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[54] **NETWORK MANAGEABLE ADVANCED GAS SENSOR APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE CAPTEUR DE GAZ PERFECTIONNE ADMINISTRABLE PAR RESEAU**
[72] SCHEUCHER, KARL F., US
[73] SOLON MANUFACTURING COMPANY, US
[85] 2016-01-27
[86] 2013-08-03 (PCT/US2013/053528)
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[30] US (13/568,108) 2012-08-06
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[25] EN
[54] **DISPENSING DEVICE WITH FAN DIRECTED AIR STREAM**
[54] **DISPOSITIF DE DISTRIBUTION AVEC FLUX D'AIR DIRIGE PAR VENTILATEUR**
[72] SHAPIRO, STEPHEN, US
[72] PAGANETTI, TOM, US
[73] THERMACELL REPELLENTS, INC., US
[85] 2016-02-02
[86] 2013-09-16 (PCT/US2013/059989)
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[25] EN
[54] **METHOD FOR PROTECTING A WELDED JOINT BETWEEN PIPES HAVING AN INTERIOR COATING**
[54] **PROCEDE DE PROTECTION DU RACCORD SOUDE DE TUBES AVEC UN REVETEMENT INTERNE**
[72] CHUIKO, ALEKSANDR GEORGIEVICH, RU
[72] CHUYKO, ANASTASIA ALEKSANDROVNA, RU
[73] CHUIKO, ALEKSANDR GEORGIEVICH, RU
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[54] **BONE PLATE SYSTEM FOR FRACTURE FIXATION**
[54] **ARRANGEMENT DE PLAQUE OSSEUSE SERVANT A LA FIXATION D'UNE FRACTURE**
[72] SIXTO, ROBERT, JR., US
[72] KORTENBACH, JUERGEN A., US
[72] FRANCESE, JOSE LUIS, US
[72] AVUTHU, SRAVANTHI, US
[72] SANDERS, ROY, US
[72] WICH, MICHAEL, US
[72] STEINMANN, SCOTT, US
[72] THOMAS, KYLE B., US
[73] BIOMET C.V., GI
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[25] EN
[54] **APPARATUS AND METHODS FOR SEALING AROUND THE OPENING TO AN UNDERGROUND BOREHOLE**
[54] **APPAREIL ET PROCEDES D'ETANCHEIFICATION AUTOUR DE L'OUVERTURE D'UN TROU DE FORAGE SOUTERRAIN**
[72] DUGAS, AARON WILLIAM, US
[72] DURIO, KENNETH EDWARD, US
[72] MCDOWELL, JAMES KERWIN, US
[72] BORDELON, RANDY PAUL, US
[72] EDWARDS, RICHARD LAMAR, US
[73] NEWPARK MATS & INTEGRATED SERVICES LLC, US
[85] 2016-03-09
[86] 2014-09-28 (PCT/US2014/057933)
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[30] US (61/889,171) 2013-10-10
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[51] **Int.Cl. F21V 5/04 (2006.01) F21S 8/08 (2006.01)**
[25] EN
[54] **LIGHT DISTRIBUTION METHOD FOR COB MODULE LED STREETLAMP LENS CAPABLE OF ILLUMINATING 3-5 LANES**
[54] **PROCEDE DE DISTRIBUTION DE LUMIERE POUR LENTILLE DE REVERBERE A DEL A MODULE COB POUVANT ECLAIRER 3 A 5 VOIES**
[72] LV, GUOFENG, CN
[72] LV, WENQING, CN
[73] HONGLI LIGHTING GROUP CO., LTD., CN
[85] 2016-03-14
[86] 2014-11-27 (PCT/CN2014/092329)
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[30] CN (201410028523.7) 2014-01-22

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[54] **IMAGE ENCODING SYSTEM BASED UPON BOUNDARY STRENGTH**
[54] **SYSTEME DE CODAGE D'IMAGE BASE SUR LA FORCE DE LIMITE**
[72] SUN, SHIJUN, US
[72] LEI, SHAWMIN, US
[72] KATATA, HIROYUKI, JP
[73] DOLBY INTERNATIONAL AB, NL
[86] (2925139)
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[54] **HYDRAULIC SHOCK ABSORBER**
[54] **AMORTISSEUR HYDRAULIQUE**
[72] YAMAZAKI,YUTAKA, JP
[73] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[85] 2016-03-23
[86] 2014-07-09 (PCT/JP2014/068280)
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[25] EN
[54] **VEHICLE MOUNTED STOWABLE ACCESS RAMP**
[54] **RAMPE D'ACCES PLIANTE INSTALLEE SUR UN VEHICULE**
[72] SIDHU, GURSHAN S., CA
[72] SIDHU, RUPINDER S., CA
[73] SIDHU, GURSHAN S., CA
[73] SIDHU, RUPINDER S., CA
[86] (2926417)
[87] (2926417)
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[51] **Int.Cl. H01H 50/54 (2006.01) H01H 50/16 (2006.01)**
[25] EN
[54] **INTEGRATED SPDT OR DPDT SWITCH WITH SPDT RELAY COMBINATION FOR USE IN RESIDENCE AUTOMATION**
[54] **INTERRUPTEUR UNIPOLAIRE BIDIRECTIONNEL OU BIPOLAIRE BIDIRECTIONNEL AVEC COMBINAISON DE RELAIS UNIPOLAIRES BIDIRECTIONNELS POUR UNE UTILISATION DANS LA DOMOTIQUE**
[72] ELBERBAUM, DAVID, JP
[73] ELBEX VIDEO LTD., JP
[85] 2016-04-04
[86] 2014-10-01 (PCT/US2014/058598)
[87] (WO2015/050972)
[30] US (14/045,877) 2013-10-04

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[51] **Int.Cl. C08L 23/14 (2006.01)**
[25] EN
[54] **BLOW MOLDED ARTICLE BASED ON BIMODAL RANDOM COPOLYMER**
[54] **ARTICLE MOULE PAR SOUFFLAGE A BASE DE COPOLYMERE STATISTIQUE BIMODAL**
[72] WANG, JINGBO, AT
[72] KLIMKE, KATJA, AT
[72] DOSHEV, PETAR, AT
[72] LESKINEN, PAULI, FI
[73] BOREALIS AG, AT
[85] 2016-04-12
[86] 2014-10-23 (PCT/EP2014/072764)
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[51] **Int.Cl. A61L 9/12 (2006.01) A01M 1/20 (2006.01)**
[25] EN
[54] **WEARABLE CHEMICAL DISPENSER**
[54] **DISTRIBUTEUR DE PRODUITS CHIMIQUES DU TYPE PORTABLE**
[72] KLEMM, ROBERT W., US
[72] SHARMA, NITIN, US
[72] FAHY, CATHAL L., US
[72] SHI, DELIANG, US
[73] S.C. JOHNSON & SON, INC., US
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[25] EN
[54] **LEAF BLOWER HAVING A GUARD**
[54] **SOUFFLEUR DE FEUILLES DOTE D'UN PROTECTEUR**
[72] EAKINS, CHARLES A., JR., US
[72] DICKMAN, ERICK M., US
[73] AC (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[86] (2927983)
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[54] **PARAFFINIC FROTH TREATMENT**
[54] **TRAITEMENT DE MOUSSE PARAFFINIQUE**
[72] LEE, ANITA S., US
[72] SUTTON, CLAY R., US
[72] CHEN, CHIEN-CHIANG, US
[72] ABEL, KEITH A., CA
[72] NAIR, HARI, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[86] (2928380)
[87] (2928380)
[22] 2016-04-28

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[25] EN
[54] **VIBRATION DAMPER**
[54] **AMORTISSEUR DE VIBRATIONS**
[72] OON, PENG HOOI, SG
[72] LAKKASHETTI, MALLESHAPPA, SG
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **4-(INDOL-3-YL)-PYRAZOLE DERIVATIVES, PHARMACEUTICAL COMPOSITIONS AND METHODS FOR USE**
[54] **DERIVES DE 4-(INDOL-3-YL)PYRAZOLE, COMPOSITIONS PHARMACEUTIQUES ET PROCEDES D'UTILISATION**
[72] CROSIGNANI, STEFANO, BE
[72] CAUWENBERGHS, SANDRA, BE
[72] DEROOSE, FREDERIK, BE
[72] DRIESSENS, GREGORY, BE
[73] ITEOS THERAPEUTICS, BE
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[30] EP (13192224.7) 2013-11-08
[30] US (14/076,016) 2013-11-08
[30] BE (2014/0845) 2014-11-03

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[54] **HYBRID VEHICLE**
[54] **VEHICULE HYBRIDE**
[72] BANSHOYA, HIDEHIKO, JP
[72] TABATA, ATSUSHI, JP
[72] KANADA, TOSHIKI, JP
[72] SUZUKI, HARUHISA, JP
[72] KAWAMOTO, ATSUSHI, JP
[72] IMAMURA, TATSUYA, JP
[72] TAKAGI, KIYONORI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2930896)
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[54] **THREADED JOINT FOR HEAVY-WALLED OIL COUNTRY TUBULAR GOODS**
[54] **JOINT FILETE DESTINE AUX APPAREILS TUBULAIRES DE PETROLE BRUT TRES EPAIS**
[72] KAWAI, TAKAMASA, JP
[72] TAKAHASHI, KAZUNARI, JP
[72] CHIKATSUNE, HIROSHI, JP
[72] YOSHIKAWA, MASAKI, JP
[72] TAKANO, JUN, JP
[72] NAGAHAMA, TAKUYA, JP
[72] UETA, MASATERU, JP
[72] YONEYAMA, TSUYOSHI, JP
[72] SATO, HIDEO, JP
[72] SEKI, HARUHIKO, JP
[73] JFE STEEL CORPORATION, JP
[85] 2016-05-18
[86] 2014-10-30 (PCT/JP2014/005518)
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[51] **Int.Cl. B60C 15/02 (2006.01) B60C 15/04 (2006.01) B60C 15/06 (2006.01)**
[25] EN
[54] **TIRE HAVING AN ELECTRONIC DEVICE IN A LOWER SIDEWALL**
[54] **PNEU COMPORTANT UN DISPOSITIF ELECTRONIQUE DANS UNE PAROI LATERALE INFERIEURE**
[72] MIKLIC, ANDREW T., US
[72] WILSON, PAUL B., US
[73] BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC, US
[85] 2016-06-09
[86] 2014-12-05 (PCT/US2014/068696)
[87] (WO2015/088890)
[30] US (61/915,556) 2013-12-13

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[13] C
[51] **Int.Cl. B03D 1/08 (2006.01) B03B 9/02 (2006.01) B03D 1/02 (2006.01)**
[25] EN
[54] **PROCESSING OF OIL SAND STREAMS VIA CHEMICALLY-INDUCED MICRO-AGGLOMERATION**
[54] **TRAITEMENT DE FLUX DE SABLES BITUMINEUX PAR MICRO AGGLOMERATION INDUITE CHIMIQUEMENT**
[72] LIN, CHRISTOPHER, CA
[72] SAKUHUNI, GIVEMORE, CA
[72] RENNARD, DAVID, CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[86] (2933892)
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[54] **SKIN TREATMENT APPARATUS**
[54] **APPAREIL DE TRAITEMENT DE LA PEAU**
[72] CARLUCCI, VITO, US
[73] CONAIR CORPORATION, US
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[54] **HAIR DRYER APPARATUS WITH NOISE REDUCING END CAP**
[54] **APPAREIL SECHE-CHEVEUX COMPORTANT UN EMBOUT DE REDUCTION DE BRUIT**
[72] CARLUCCI, VITO, US
[72] FERNANDES DA COSTA, SERGIO LOPES, US
[73] CONAIR CORPORATION, US
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[54] **METHOD FOR RUNNING CONDUIT IN EXTENDED REACH WELLBORES**
[54] **PROCEDE DE POSE DE CONDUIT DANS PUITS DE FORAGE A LONG DEPORT**
[72] VESTAVIK, OLA, NO
[73] REELWELL AS, NO
[85] 2016-06-22
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[25] EN
[54] **SCENTED ELECTRONIC CANDLE DEVICE**
[54] **DISPOSITIF DE CHANDELLE ELECTRONIQUE PARFUMEE**
[72] LI, XIAOFENG, CN
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[54] **CASSETTE AND APPARATUS FOR PACKING DISPOSABLE OBJECTS INTO AN ELONGATED TUBE OF FLEXIBLE MATERIAL**
[54] **CARTOUCHE ET APPAREIL D'EMBALLAGE D'OBJETS JETABLES DANS UN TUBE DE MATIERE SOUPLE**
[72] MORAND, MICHEL, CA
[73] ANGELCARE DEVELOPMENT INC., CA
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[25] EN
[54] **NUCLEIC ACIDS, METHODS AND KITS FOR THE DETECTION OF CAMPYLOBACTER**
[54] **ACIDES NUCLEIQUES, METHODES ET TROUSSES DE DETECTION DE CAMPYLOBACTER**
[72] BERGERON, MICHEL G., CA
[72] BOISSINOT, MAURICE, CA
[72] HULETSKY, ANN, CA
[72] MENARD, CHRISTIAN, CA
[72] OUELLETTE, MARC, CA
[72] PICARD, FRANCOIS J., CA
[72] ROY, PAUL H., CA
[73] GENEOHM SCIENCES CANADA INC., CA
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[54] **GESTION DE FILES D'ATTENTE DE MESSAGES DE DONNEES AFIN D'IDENTIFIER DES ENSEMBLES DE MESSAGES POUR UNE MODIFICATION DE METRIQUE DE DISTRIBUTION**
[72] UPADHYAY, UMESH CHANDRA, US
[72] KATZER, ROBIN DALE, US
[72] HOLMES, GEOFF A., US
[72] BURCHAM, ROBERT H., US
[73] SPRINT COMMUNICATIONS COMPANY L.P., US
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[54] **PURCHASING ON THE INTERNET USING VERIFIED ORDER INFORMATION AND BANK PAYMENT ASSURANCE**
[54] **METHODE D'ACHAT SUR INTERNET FAISANT APPEL A DES RENSEIGNEMENTS VERIFIES RELATIFS A LA COMMANDE ET A UNE GARANTIE DE PAIEMENT PAR UNE BANQUE**
[72] SINES, RANDY D., US
[72] GREGORY, RANDY A., US
[73] ECARDLESS BANCORP, LTD., US
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[87] (2939482)
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[25] EN
[54] **METHOD FOR PRODUCING NICKEL POWDER**
[54] **PROCEDE DE PRODUCTION DE POUDRE DE NICKEL**
[72] YANAGISAWA, KAZUMICHI, JP
[72] ZHANG, JUNHAO, JP
[72] IKEDA, OSAMU, JP
[72] OHARA, HIDEKI, JP
[72] YONEYAMA, TOMOAKI, JP
[72] KUDO, YOHEI, JP
[72] HEGURI, SHIN-ICHI, JP
[73] KOCHI UNIVERSITY, NATIONAL UNIVERSITY CORPORATION, JP
[73] SUMITOMO METAL MINING CO., LTD., JP
[85] 2016-08-15
[86] 2015-02-09 (PCT/JP2015/053541)
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[54] **IMAGE STEERED MICROPHONE ARRAY**
[54] **RESEAU DE MICROPHONES ORIENTE PAR IMAGE**
[72] MITRA, SHOUNAK, US
[72] STARKS, FRED EARL, US
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2016-08-18
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[54] **INFANT CARRIER**
[54] **PORTE-BEBE**
[72] TAYLOR, ANDREW J., US
[72] MASON, KYLE S., US
[72] SELLERS, GREGORY S., US
[72] HARTENSTINE, CURTIS M., US
[72] BOWERS, PATRICK J.G., US
[73] WONDERLAND NURSERYGOODS COMPANY LIMITED, CN
[86] (2940813)
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[22] 2016-08-31
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[25] EN
[54] **METHODS, DEVICES AND SYSTEMS FOR TRACKING VEHICLES**
[54] **PROCEDES, DISPOSITIFS ET SYSTEMES DE SUIVI DE VEHICULES**
[72] LISI, MARCO, CA
[73] FOXTRAC INC., CA
[85] 2016-09-08
[86] 2015-02-23 (PCT/CA2015/000109)
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[25] EN
[54] **USE OF RITUXIMAB TO TREAT PEMPHIGUS**
[54] **UTILISATION DU RITUXIMAB POUR LE TRAITEMENT DU PEMPHIGUS**
[72] CURD, JOHN G., US
[72] KUNKEL, LORI A., US
[72] GRILLO-LOPEZ, ANTONIO J., US
[73] GENENTECH, INC., US
[73] BIOGEN IDEC INC., US
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[25] EN
[54] **ASSEMBLY FOR DELIVERING A SHIPMENT**
[54] **SYSTEME DE REMISE D'UN ENVOI**
[72] OGILVIE, THOMAS, DE
[72] PRUSKI, MATTHAUS, DE
[72] BENZ, RAMIN, DE
[73] DEUTSCHE POST AG, DE
[85] 2016-10-07
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[25] EN
[54] **PROCESS FOR MANUFACTURING GLATIRAMER ACETATE PRODUCT**
[54] **PROCEDE DE FABRICATION DE PRODUIT D'ACETATE DE GLATIRAMERE**
[72] COHEN, RAKEFET, IL
[72] HABBAH, SASSON, IL
[72] SAFADI, MUHAMMAD, IL
[73] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL
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[25] EN
[54] **LOW PRESSURE BIOGAS SAMPLE TAKEOFF AND CONDITIONING SYSTEM**
[54] **SYSTEME DE CONDITIONNEMENT ET DE PRELEVEMENT D'ECHANTILLON DE BIOGAZ BASSE PRESSION**
[72] GERHOLD, WALTER F., US
[73] MUSTANG SAMPLING, LLC, US
[85] 2016-12-09
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[25] EN
[54] **SPACECRAFT DOCKING CONNECTOR**
[54] **CONNECTEUR D'AMARRAGE D'ENGIN SPATIAL**
[72] JAEGER, TALBOT, US
[73] NOVAWURKS, INC., US
[85] 2017-01-23
[86] 2015-07-20 (PCT/US2015/041091)
[87] (WO2016/018657)
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[51] **Int.Cl. C25C 3/12 (2006.01) G06F 19/00 (2011.01) G06T 7/00 (2017.01)**
[25] EN
[54] **DETERMINING DOSING OF BINDING AGENT FOR COMBINING WITH PARTICULATE MATERIAL TO PRODUCE AN ELECTRODE**
[54] **DOSAGE DE DETERMINATION D'AGENT DE LIAISON PERMETTANT LA COMBINAISON AVEC UN MATERIAU PARTICULAIRE POUR PRODUIRE UNE ELECTRODE**
[72] GAGNON, ALEXANDRE, CA
[72] MENARD, YVON, CA
[72] BRIAND, JEAN-FRANCOIS, CA
[72] BACKHOUSE, NIGEL, AU
[72] DUFRENEY, JEAN-MICHEL, FR
[72] GENDRE, MAGALI, AU
[73] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA
[85] 2017-02-27
[86] 2015-08-25 (PCT/CA2015/050811)
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[25] EN
[54] **SPORT FOOTWEAR**
[54] **CHAUSSURE DE SPORT**
[72] LAFRAMBOISE, STEVE, CA
[73] CORRECT MOTION INC., CA
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[25] FR
[54] **STEAM SPRAYER TO COMBAT BEDBUGS**
[54] **PULVERISATEUR A VAPEUR POUR LUTTER CONTRE LES PUNAISES DE LIT**
[72] ZOUAIDIA, RIADH, CA
[72] GAGNE, STEPHANE ST, CA
[71] ZOUAIDIA, RIADH, CA
[71] GAGNE, STEPHANE ST, CA
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[25] EN
[54] **BATHTUB SEAT & SIDE BOARD**
[54] **PANNEAU LATERAL ET SIEGE DE BAIGNOIRE**
[72] KUNG, FEI L., CA
[71] KUNG, FEI L., CA
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[51] **Int.Cl. G10K 5/00 (2006.01)**
[25] EN
[54] **FLEXIBLE PEA-LESS WHISTLE**
[54] **SIFFLET SOUPLE SANS POIS**
[72] TORTORICI, MARCO, CA
[71] CHAUNG, JOSEPH, CA
[22] 2016-02-09
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[51] **Int.Cl. H02N 11/00 (2006.01) H01L 35/28 (2006.01)**
[25] EN
[54] **PASSIVELY COOLED THERMOELECTRIC ENERGY HARVESTER**
[54] **CAPTEUR D'ENERGIE THERMOELECTRIQUE A REFROIDISSEMENT PASSIF**
[72] CAMPEAU, GERARD R., CA
[71] CAMPEAU, GERARD R., CA
[22] 2016-02-08
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[51] **Int.Cl. G01P 21/00 (2006.01) G01F 25/00 (2006.01) E21F 1/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ULTRASONIC AIRFLOW MEASUREMENTS**
[54] **METHODE ET SYSTEME DE MESURE DE FLUX D'AIR ULTRASONIQUE**
[72] MAENPAA, DOUGLAS, CA
[72] SHARKEY, MICHAEL, CA
[72] DIGNARD, RICHARD, CA
[71] ACCUTRON INSTRUMENTS INC., CA
[22] 2016-02-08
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[51] **Int.Cl. G01R 33/385 (2006.01)**
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[54] **RADIO FREQUENCY COILS FOR ENCODING VARIABLE RESOLUTION SPATIAL INFORMATION IN NUCLEAR MAGNETIC RESONANCE SIGNALS**
[54] **BOBINES DE FREQUENCE RADIO SERVANT A CODER DE L'INFORMATION SPATIALE A RESOLUTION VARIABLE DANS LES SIGNAUX DE RESONANCE MAGNETIQUE NUCLEAIRE**
[72] SARTY, GORDON ERIC, CA
[71] SARTY, GORDON ERIC, CA
[22] 2016-02-10
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[51] **Int.Cl. H05K 5/02 (2006.01) H02G 3/08 (2006.01)**
[25] EN
[54] **ELECTRICAL HOUSING**
[54] **COFFRET ELECTRIQUE**
[72] PARFETT, HAROLD, CA
[71] ACE MANUFACTURING METALS LTD., CA
[22] 2016-02-10
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[51] **Int.Cl. G06K 19/07 (2006.01) H04W 4/00 (2009.01) G06Q 10/08 (2012.01)**
[25] FR
[54] **CHIP AND APPLICATION FOR TRACKING RECORDS FOR MINUTES**
[54] **PUCE ET APPLICATION SERVANT A RETRACER REGISTRES DES PROCES VERBAUX**
[72] UNKNOWN, ZZ
[71] FORTIN, ALEXANDRA, CA
[22] 2016-02-10
[41] 2017-08-10

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[13] A1
[51] **Int.Cl. E05B 27/00 (2006.01)**
[25] EN
[54] **WEATHER RESISTANT PIN LOCK**
[54] **CHEVILLE DE VERROUILLAGE RESISTANT AUX INTEMPERIES**
[72] MCLEOD, JOHN, CA
[72] SABELLI, TONINO, CA
[71] WESKO SYSTEMS LIMITED, CA
[22] 2016-02-09
[41] 2017-08-09

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[13] A1
[51] **Int.Cl. A01D 87/12 (2006.01) A01F 29/10 (2006.01)**
[25] EN
[54] **BALE TURNING APPARATUS FOR A BALE PROCESSOR**
[54] **APPAREIL DE RETOURNEMENT DE BALLES DESTINE A UN APPAREIL DE TRAITEMENT DE BALLES**
[72] NEUDORF, BLAKE, CA
[72] SUMMACH, MONTGOMERIE, CA
[72] DOKKEN, JOEL, CA
[72] KONDRA, GENE, CA
[71] HIGHLINE MANUFACTURING LTD., CA
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[51] **Int.Cl. E21C 35/18 (2006.01) E21D 9/10 (2006.01)**
[25] EN
[54] **RIPPER TOOTH FOR UNDERGROUND TUNNELLING MACHINE AND METHOD OF INSTALLING MULTIPLE CUTTING SURFACES INTO NOSE OF TOOTH**
[54] **DENT DE FENDEUR DESTINEE A UNE MACHINE DE PRODUCTION DE TUNNEL SOUS-TERRAIN ET METHODE D'INSTALLATION DE SURFACES MULTI-COUPES DANS LE NEZ DE LA DENT**
[72] HOSSEINZADEH, TAHER, CA
[72] MCINTYRE, JOHN, CA
[71] CAST STEEL PRODUCTS LP, BY ITS GENERAL PARTNER CAST STEEL PRODUCTS GP LTD., CA
[22] 2016-02-10
[41] 2017-08-10

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[51] **Int.Cl. B65D 88/66 (2006.01) B65G 65/40 (2006.01) E04B 5/43 (2006.01)**
[25] EN
[54] **VIBRATORY FLOOR WITH CONTROLLED ATMOSPHERE, FOR COHESIVE PRODUCTS**
[54] **PLANCHER VIBRATOIRE A ATMOSPHERE CONTROLEE DESTINE A DES PRODUITS COHESIFS**
[72] PONCET, JEAN-CLAUDE, FR
[71] VIBRAFLOOR SAS, FR
[22] 2016-02-11
[41] 2017-08-11

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[51] **Int.Cl. B67B 3/18 (2006.01) B67B 3/20 (2006.01) B67B 3/28 (2006.01)**
[25] EN
[54] **CAPPING MACHINE**
[54] **MACHINE DE PRODUCTION DE REVETEMENT D'EMBOUT**
[72] JALBERT, LUC, CA
[72] BOISSONNEAULT, STEVE, CA
[72] LEBEL, ALEXANDRE, CA
[72] DEMERS, MAXIME, CA
[72] BERCEANU, ALEXANDRU, CA
[72] MONETTE, JONATHAN, CA
[71] 9250-1428 QUEBEC INC., CA
[22] 2016-02-11
[41] 2017-08-11

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[51] **Int.Cl. C07F 7/04 (2006.01) C01B 33/113 (2006.01) C23C 16/40 (2006.01) C23C 16/44 (2006.01)**
[25] EN
[54] **ORGANOMETALLIC COMPOUND AND METHOD**
[54] **COMPOSE ORGANOMETALLIQUE ET METHODE**
[72] ODEDRA, RAJESH, CA
[72] DONG, CUNHAI, CA
[72] CEMBELLA, SHAUN, CA
[71] SEASTAR CHEMICALS INC., CA
[22] 2016-02-12
[41] 2017-08-12

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[51] **Int.Cl. E21B 43/18 (2006.01) H01M 8/04007 (2016.01) H01M 8/0612 (2016.01) H01M 8/0668 (2016.01) E21B 43/16 (2006.01) F25J 1/00 (2006.01) F25J 3/06 (2006.01)**
[25] EN
[54] **METHOD OF EXTRACTING COAL BED METHANE USING CARBON DIOXIDE**
[54] **METHODE D'EXTRACTION DE METHANE D'UNE COUCHE DE HOUILLE AU MOYEN DE DIOXYDE DE CARBONE**
[72] LOURENCO, JOSE, CA
[72] MILLAR, MACKENZIE, CA
[71] 1304342 ALBERTA LTD., CA
[71] 1304338 ALBERTA LTD., CA
[22] 2016-02-11
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[51] **Int.Cl. A61F 5/37 (2006.01) A61F 5/01 (2006.01)**
[25] EN
[54] **SHOULDER BRACES AND METHODS OF USE**
[54] **SUPPORTS D'EPAULE ET METHODES D'UTILISATION**
[72] NOLT, DEREK, CA
[72] BORGEL, BRYCE, CA
[71] NOLT, DEREK, CA
[22] 2016-02-12
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[51] **Int.Cl. E04H 12/18 (2006.01) F21L 2/00 (2006.01) F21V 21/10 (2006.01)**
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[54] **LIGHTING TOWER**
[54] **TOUR D'ECLAIRAGE**
[72] BRUINSMA, MARK, CA
[71] BRUINSMA, MARK, CA
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[54] **SWAGED CONNECTORS FOR A GROUNDING GRID**
[54] **CONNECTEURS EMBOUTIS DESTINES A UN RESEAU DE MISE A LA TERRE**
[72] MCGANN, SHAWN KERRY, US
[72] SOSA, LUIS, US
[71] DMC POWER, INC., US
[22] 2016-02-09
[41] 2017-08-09

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[54] **UNIFORM RESOURCE IDENTIFIER ENCODING**
[54] **CODAGE D'IDENTIFIANT DE RESSOURCE UNIFORME**
[72] WILLIAMS, HEIDEMARIE W., US
[72] FISCHER, ADAM, US
[72] KUWAHARA, TOD, US
[71] COSTAR REALTY INFORMATION, INC., US
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[41] 2017-08-12

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[51] **Int.Cl. E21B 23/00 (2006.01) E21B 47/07 (2012.01) E21B 43/10 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DEPLOYMENT OF MEASUREMENT SYSTEM IN A WELL**
[54] **METHODE ET APPAREIL DE DEPLOIEMENT D'UN APPAREIL DE MESURE DANS UN PUITS**
[72] GILL, GARY ERIC, CA
[71] GILL, GARY ERIC, CA
[22] 2016-02-12
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[54] **BLENDED POLYGON SEARCH**
[54] **RECHERCHE DE POLYGONE INTEGRE**
[72] FLORANCE, ANDREW, US
[72] WILLIAMS, HEIDEMARIE W., US
[72] FISCHER, ADAM, US
[72] KUWAHARA, TOD, US
[71] COSTAR REALTY INFORMATION, INC., US
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[54] **IDENTIFYING POINTS OF INTEREST**
[54] **DETERMINATION DE POINTS D'INTERET**
[72] FLORANCE, ANDREW, US
[72] WILLIAMS, HEIDEMARIE W., US
[72] FISCHER, ADAM, US
[71] COSTAR REALTY INFORMATION, INC., US
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[13] A1
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[25] EN
[54] **UNLOCKING MECHANISM FOR DISABLED PORTABLE COMPUTING DEVICES USING QUICK RESPONSE CODE**
[54] **MECANISME DE DEVERROUILLAGE D'APPAREILS INFORMATIQUES PORTATIFS DESACTIVES AU MOYEN D'UN CODE QR**
[72] RODRIGS, JERI, CA
[71] RODRIGS, JERI, CA
[22] 2016-02-08
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[54] **AUDIO TRANSMITTER AND RECEIVER**
[54] **EMETTEUR RECEPTEUR AUDIO**
[72] ENGLAND, STEPHANIE, CA
[71] ENGLAND, STEPHANIE, CA
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[41] 2017-08-11
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[54] **MOBILE HARDBANDING UNIT**
[54] **MODULE DE BORDAGE MOBILE**
[72] ACQUAYE, JAMES G., US
[71] ACQUAYE, JAMES G., US
[22] 2016-03-29
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[54] **REDUCED POWER CONSUMPTION ELECTROMAGNETIC LOCK**
[54] **VERROU ELECTROMAGNETIQUE A CONSOMMATION ENERGETIQUE REDUITE**
[72] DAVIS, BRETT L., US
[72] SHAFFER, RANDALL, US
[71] HANCHETT ENTRY SYSTEMS, INC., US
[22] 2016-04-13
[41] 2017-08-09
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[54] **EMBEDDED FURNITURE HAVING RETRACTIBLE LEGS WITH LIGHTING**
[54] **MOBILIER INTEGRE COMPORTANT DES PATTES RETRACTABLES DOTEES D'ECLAIRAGE**
[72] GOSLING, GEOFF, CA
[72] BLEHM, COLIN, CA
[71] DIRTT ENVIRONMENTAL SOLUTIONS, LTD., CA
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[54] **MODULAR WALLS WITH EMBEDDED FURNITURE AND OPPOSING FEATURE**
[54] **PAROIS MODULAIRES DOTEES DE MOBILIER INTEGRE ET DE FONCTIONNALITE D'OPPOSITION**
[72] GOSLING, GEOFF, CA
[72] BLEHM, COLIN, CA
[71] DIRTT ENVIRONMENTAL SOLUTIONS, LTD., CA
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[54] **SLIDABLE SNAP-IN TRIM SYSTEM**
[54] **SYSTEME DE BORDURE ENCLENCHEE COULISSANTE**
[72] GOSLING, GEOFF, CA
[72] BROWN, THOMAS, CA
[71] DIRTT ENVIRONMENTAL SOLUTIONS, LTD., CA
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[25] EN
[54] **STRUCTURALLY ENHANCED GEOTEXTILE SEDIMENT-CONTROL FENCES**
[54] **BARRIERES DE CONTROLE DE SEDIMENTS EN GEOTEXTILE A STRUCTURE AMELIOREE**
[72] SEGROVES, THOMAS KYLE, US
[72] SLIGER, STEPHEN MATTHEW, US
[72] WOLFE, KEVIN BRIAN, US
[71] DENNY HASTINGS FLP 14, US
[22] 2016-06-15
[41] 2017-08-12
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[54] **FLASHBOARD RISER SYSTEM AND METHOD FOR WATER MANAGEMENT**
[54] **DISPOSITIF RELEVEUR DE BATARDEAU ET METHODE DE GESTION DE L'EAU**
[72] WATSON, NORMAN PAUL, US
[71] WATSON, NORMAN PAUL, US
[22] 2016-08-05
[41] 2017-08-08
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[25] EN
[54] **IMPACT ABSORPTION PADDING FOR CONTACT SPORTS HELMETS**
[54] **COUSSINET D'ABSORPTION D'IMPACT DESTINE AUX CASQUES DE SPORTS DE CONTACT**
[72] KUNTZ, CARL, CA
[71] KUNTZ, CARL, CA
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[54] **SYSTEMS AND METHODS FOR GENERATING BLUEPRINTS FOR ENTERPRISES**
[54] **SYSTEMES ET METHODE DE PRODUCTION DE PLANS DE REFERENCE DESTINES A DES ENTREPRISES**
[72] JADHAV, SACHIN SADASHIV, IN
[72] NATU, MAITREYA, IN
[72] SADAPHAL, VAISHALI PAITHANKAR, IN
[72] KULKARNI, VAISHALI SHASHANK, IN
[72] VIN, HARRICK MAYANK, IN
[72] KELKAR, RAHUL RAMESH, IN
[71] TATA CONSULTANCY SERVICES LIMITED, IN
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[25] EN
[54] **SCALABLE PLANAR PACKAGING ARCHITECTURE FOR ACTIVELY SCANNED PHASED ARRAY ANTENNA SYSTEM**
[54] **ARCHITECTURE D'EMBALLAGE PLANAIRE MODULABLE DESTINEE A UN DISPOSITIF D'ANTENNE RESEAU A COMMANDE DE PHASE BALAYE ACTIVEMENT**
[72] NAVARRO, JULIO A., US
[72] PIETILA, DOUGLAS A., US
[71] THE BOEING COMPANY, US
[22] 2016-10-20
[41] 2017-08-08
[30] US (15/018,747) 2016-02-08

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[25] EN
[54] **CLAMP FOR CLAMPING AN ELECTRICAL TERMINAL TERMINATING AN ELECTRICAL WIRE TO AN ELECTRICALLY CONDUCTIVE POST**
[54] **PINCE DESTINEE A FIXER UNE BORNE ELECTRIQUE D'EXTREMITE D'UN FIL ELECTRIQUE A UN MONTANT CONDUCTEUR D'ELECTRICITE**
[72] CHADBOURNE, CHRISTOPHER GILPIN, US
[71] HUBBELL INCORPORATED, US
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[25] EN
[54] **WATERCRAFT**
[54] **EMBARCATION**
[72] BRIGHAM, HENRY DAY, III, US
[72] BRIGHAM, CARTER MICHEL, US
[72] ALESINA, INNA, US
[71] BRIGHAMFLOATS, LLC, US
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[25] EN
[54] **MODULAR SYSTEM FOR DISTRIBUTING ELECTRICAL POWER AND DATA BETWEEN STRUCTURES**
[54] **SYSTEME MODULAIRE SERVANT A DISTRIBUER L'ALIMENTATION ELECTRIQUE ET LES DONNEES AUX STRUCTURES**
[72] SILVA, JAMES E., US
[72] TOFFLEMIRE, ANDREW JOHN, US
[72] JOHNSON, MICHAEL A., US
[72] ELLIOTT, SAMUEL J., US
[72] LEE, DAVID E., US
[71] THE BOEING COMPANY, US
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[25] EN
[54] **LAMINAR FLOW PANEL**
[54] **PANNEAU D'ECOULEMENT LAMINAIRE**
[72] KOPPELMAN, HENRY J., US
[72] KLEIN, MICHAEL K., US
[71] THE BOEING COMPANY, US
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[54] **BABY SLEEPING GARMENT**
[54] **PYJAMA POUR BEBE**
[72] VILLARREAL, LOURDES, AU
[71] S & M TRADING PTY LTD., AU
[22] 2016-11-24
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[51] **Int.Cl. C09D 5/08 (2006.01) C09D 7/12 (2006.01) C23F 11/18 (2006.01)**
[25] EN
[54] **ANTI-CORROSION AND/OR PASSIVATION COMPOSITIONS FOR METAL-CONTAINING SUBSTRATES AND METHODS FOR MAKING, ENHANCING, AND APPLYING THE SAME**
[54] **COMPOSITIONS D'ANTICORROSION OU DE PASSIVATION DESTINEES AUX SUBSTRATS COMPORTANT DU METAL ET METHODES DE FABRICATION, AMELIORATION ET APPLICATION ASSOCIEES**
[72] ZHANG, WEILONG, US
[72] KRYZMAN, MICHAEL A., US
[72] ZAFIRIS, GEORGIOS S., US
[72] JAWOROWSKI, MARK R., US
[72] PANZA-GIOSA, ROQUE, CA
[72] MANZINI, MARILEA, CA
[71] GOODRICH CORPORATION, US
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[54] **SONDE DE TEMPERATURE D'AIR TOTALE A PASSAGE DE PARTICULE EFFICACE**
[72] ISEBRAND, SCOTT D., US
[71] ROSEMOUNT AEROSPACE INC., US
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[51] **Int.Cl. G06F 17/50 (2006.01) G06Q 50/04 (2012.01)**
[25] EN
[54] **MODEL FOR MANAGING VARIATIONS IN A PRODUCT STRUCTURE FOR A PRODUCT**
[54] **MODELE DE GESTION DES VARIATIONS DANS UNE STRUCTURE DE PRODUIT D'UN PRODUIT**
[72] CALLAHAN, SEAN M., US
[72] PUTERBAUGH, KEVIN D., US
[71] THE BOEING COMPANY, US
[22] 2016-11-30
[41] 2017-08-12
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[51] **Int.Cl. F01D 25/12 (2006.01) F01D 9/02 (2006.01) F01D 25/24 (2006.01) F02C 7/12 (2006.01) F02C 7/20 (2006.01)**
[25] EN
[54] **TURBINE FRAME COOLING SYSTEMS AND METHODS OF ASSEMBLY FOR USE IN A GAS TURBINE ENGINE**
[54] **SYSTEMES DE REFROIDISSEMENT DE CHASSIS DE TURBINE ET METHODES D'ASSEMBLAGE DESTINEES A UNE TURBINE A GAZ**
[72] LIPINSKI, THOMAS, US
[72] LACHAPELLE, DONALD GEORGE, US
[72] MOORE, KENNETH JAY, US
[72] TRACEY, BRADFORD ALAN, US
[72] WAYMEYER, STEPHEN JOSEPH, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-06
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[51] **Int.Cl. B60P 1/42 (2006.01) A01D 90/10 (2006.01) B65G 33/08 (2006.01)**
[25] EN
[54] **TELESCOPING FLOW CONTROL DISCHARGE SPOUT ASSEMBLY FOR A CONVEYOR OF GRANULAR MATERIAL**
[54] **DISPOSITIF DE BEC D'EVACUATION DE CONTROLE D'ECOULEMENT TELESCOPIQUE DESTINE A UN CONVOYEUR DE MATIERE GRANULAIRE**
[72] GAERKE, JOSHUA P., US
[71] J. & M. MANUFACTURING CO., INC., US
[22] 2016-12-06
[41] 2017-08-08
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[25] EN
[54] **REUSABLE LED LANDSCAPE TOOL AND METHOD**
[54] **OUTIL DE PAYSAGEMENT A DEL REUTILISABLE ET METHODE**
[72] KING, LLOYD HERBERT, US
[72] KEEVEN, JAMES, US
[72] HINER, WILLIAM, US
[71] THE PATENT STORE LLC, US
[22] 2016-12-08
[41] 2017-08-10
[30] US (14/988,497) 2016-02-10
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[13] A1
[51] **Int.Cl. B23K 9/095 (2006.01) B23K 9/10 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO CONTROL A WELD CURRENT AMPERAGE**
[54] **METHODES ET APPAREIL DE CONTROLE DE L'INTENSITE DE COURANT DE SOUDURE**
[72] ULRICH, JAMES F., US
[72] CASNER, BRUCE A., US
[72] STAPP, ZAKARY, US
[71] ILLINOIS TOOL WORKS INC., US
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[51] **Int.Cl. H02J 3/38 (2006.01) H02B 1/50 (2006.01) H02H 3/16 (2006.01)**
[25] EN
[54] **MARINA POWER PEDESTAL SPLITTER CORD AND ELECTRICAL DISTRIBUTION SYSTEM INCLUDING THE SAME**
[54] **CORDON DIVISEUR DE SOCLE D'ALIMENTATION DE MARINA ET SYSTEME DE DISTRIBUTION D'ELECTRICITE LE COMPORTANT**
[72] DRUEKE, CHRISTOPHER EMMONS, US
[72] KUYKENDALL, JEFFREY SCOTT, US
[72] SEFF, PAUL DAVID, US
[72] EASTON, JASON DEMETRIOS, US
[71] EATON CORPORATION, US
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[13] A1
[51] **Int.Cl. E02F 3/96 (2006.01) E02F 3/36 (2006.01)**
[25] EN
[54] **QUICK HITCH FOR TOOLS OF EXCAVATORS, CRANES, CRAWLER-TYPE VEHICLES OR THE LIKE**
[54] **DISPOSITIF D'ATTELAGE ECLAIR DESTINE AUX OUTILS D'EXCAVATRICES, GRUES, VEHICULES DE TYPE A CHENILLES OU AUTRES SEMBLABLES**
[72] FRIEDRICH, THOMAS, DE
[71] KINSHOFER GMBH, DE
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[54] **DEVICE AND METHOD FOR PROCESSING FOODS**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT DES ALIMENTS**
[72] ENGLER, VALENTIN, CH
[71] BETTY BOSSI AG, CH
[22] 2016-12-29
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[54] **DISC BRAKE ROTOR ADAPTER**
[54] **ADAPTATEUR DE ROTOR DE FREIN A DISQUE**
[72] HAMMER, EDWARD, US
[71] SAF-HOLLAND, INC., US
[22] 2017-01-04
[41] 2017-08-09
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[51] **Int.Cl. E04F 11/18 (2006.01) E04H 17/14 (2006.01)**
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[54] **GUARD RAIL SYSTEM**
[54] **SYSTEME DE RAIL PROTECTEUR**
[72] BIZZARRI, PAUL, US
[72] DAVOLL, JASON A., US
[72] GORI, MICHAEL A., US
[72] PEARSON, RICHARD ARTHUR, II, US
[72] TURNER, RONALD KEITH, US
[71] CPG INTERNATIONAL LLC, US
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[25] EN
[54] **METHOD AND SYSTEM FOR THE LOCALIZED DEPOSIT OF METAL ON A SURFACE**
[54] **METHODE ET SYSTEME DE DEPOT LOCALISE DE METAL SUR UNE SURFACE**
[72] XIAO, ZHIGANG, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2017-01-09
[41] 2017-08-08
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[54] **REFLECTION INNER RING**
[54] **ANNEAU INTERNE DE REFLEXION**
[72] HASIFIC, EDIN, CH
[72] ROSCH, JURGEN, DE
[71] GEORG FISCHER ROHRLEITUNGSSYSTEME AG, CH
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[25] EN
[54] **INTERPOLATION OF DYNAMIC THREE-DIMENSIONAL MAPS**
[54] **INTERPOLATION DE CARTES TRIDIMENSIONNELLES DYNAMIQUES**
[72] URMAN, ROY, IL
[72] BAR-TAL, MEIR, IL
[72] ZRIHAM, YANIV BEN, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-01-24
[41] 2017-08-11
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[51] **Int.Cl. H01H 71/10 (2006.01) H01H 71/50 (2006.01) H01H 71/52 (2006.01)**
[25] EN
[54] **A SWITCHING DEVICE FOR LV ELECTRIC INSTALLATIONS**
[54] **UN DISPOSITIF DE COMMUTATION DESTINE AUX INSTALLATIONS ELECTRIQUES BASSE TENSION**
[72] ROTA MARTIR, ROBERTO, IT
[72] GHISLOTTI, MAURO, IT
[71] ABB S.P.A., IT
[22] 2017-01-24
[41] 2017-08-10
[30] EP (16155048.8) 2016-02-10

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[13] A1
[51] **Int.Cl. E01H 4/02 (2006.01) B62D 55/08 (2006.01)**
[25] EN
[54] **TRACKED PISTE GROOMING VEHICLE FOR MAINTENANCE AND SHAPING OF SNOWY TERRAIN**
[54] **VEHICULE DE TRACAGE DE PISTE DESTINE A L'ENTRETIEN ET AU TRACAGE D'UN TERRAIN ENNEIGE**
[72] KUHN, MICHAEL, DE
[72] JUNGINGER, BERND, DE
[71] KASSBOHRER GELANDEFAHRZEUG AG, DE
[22] 2017-01-31
[41] 2017-08-11
[30] EP (16155191.6) 2016-02-11

[21] **2,956,346**
[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **TURBINE ENGINE AIRFOIL WITH COOLING**
[54] **PROFIL DYNAMIQUE DE TURBINE DOTE DE REFROIDISSEMENT**
[72] LESSARD, BRIDGET LUCY, US
[72] REDDY, BHANU MAHASAMUDRAM, US
[72] ZHU, GAOQIU, US
[72] LEE, MICHAEL JONG, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-26
[41] 2017-08-08
[30] US (15/018,155) 2016-02-08

[21] **2,956,347**
[13] A1
[51] **Int.Cl. F01D 5/14 (2006.01) F01D 5/20 (2006.01) F01D 9/02 (2006.01) F04D 29/38 (2006.01)**
[25] EN
[54] **TURBINE ENGINE COMPRESSOR BLADE**
[54] **AILETTE DE COMPRESSEUR DE TURBINE**
[72] MOECKEL, CURTIS WILLIAM, US
[72] WOOD, PETER JOHN, US
[72] ADAM, MATTHEW FORD, US
[72] FALK, ERIC ANDREW, US
[72] STECHER, MARK JOSEPH, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-26
[41] 2017-08-08
[30] US (15/018,126) 2016-02-08

[21] **2,956,362**
[13] A1
[51] **Int.Cl. F01D 11/02 (2006.01) F02C 7/28 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH A RIM SEAL BETWEEN THE ROTOR AND STATOR**
[54] **TURBINE A GAZ DOTEE D'UN JOINT DE BORDURE ENTRE LE ROTOR ET LE STATOR**
[72] RATZLAFF, JONATHAN RUSSELL, US
[72] HOGAN, MICHAEL THOMAS, US
[72] MONTGOMERY, JULIUS JOHN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-26
[41] 2017-08-10
[30] US (15/040,603) 2016-02-10

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[13] A1
[51] **Int.Cl. F01D 5/14 (2006.01) F01D 5/28 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **AIRFOIL ASSEMBLY WITH LEADING EDGE ELEMENT**
[54] **STRUCTURE DE PROFIL DYNAMIQUE DOTEE D'UN ELEMENT DE BORD D'ATTAQUE**
[72] KRAY, NICHOLAS JOSEPH, US
[72] WOOD, TREVOR HOWARD, US
[72] SHIM, DONG-JIN, US
[72] SHAH, PRANAV DHOJ, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-26
[41] 2017-08-10
[30] US (15/040,582) 2016-02-10

[21] **2,956,366**
[13] A1
[51] **Int.Cl. F01D 25/16 (2006.01) F02C 7/06 (2006.01)**
[25] EN
[54] **BEARING OUTER RACE RETENTION DURING HIGH LOAD EVENTS**
[54] **RETENTION DE COURSE EXTERIEURE DE PALIER PENDANT LES EVENEMENTS DE CHARGE ELEVEE**
[72] GANIGER, RAVINDRA SHANKAR, IN
[72] CARTER, BRUCE ALAN, US
[72] CORMAN, CHARLES ANDREW, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-26
[41] 2017-08-08
[30] US (15/017,791) 2016-02-08

[21] **2,956,368**
[13] A1
[51] **Int.Cl. F02C 7/06 (2006.01) F01D 25/16 (2006.01) F16C 33/58 (2006.01)**
[25] EN
[54] **BEARING OUTER RACE RETENTION DURING HIGH LOAD EVENTS**
[54] **RETENTION DE COURSE EXTERIEURE DE PALIER PENDANT LES EVENEMENTS DE CHARGE ELEVEE**
[72] GANIGER, RAVINDRA SHANKAR, IN
[72] CARTER, BRUCE ALAN, US
[72] CORMAN, CHARLES ANDREW, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-26
[41] 2017-08-08
[30] US (15/017,805) 2016-02-08

[21] **2,956,378**
[13] A1
[51] **Int.Cl. H04M 3/436 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING CALLER INFORMATION**
[54] **METHODE ET SYSTEME DE FOURNITURE D'INFORMATION SUR L'APPELANT**
[72] HILLIER, KATAYOUN, CA
[72] HILLIER, PETER, CA
[71] MITEL NETWORKS CORPORATION, CA
[22] 2017-01-27
[41] 2017-08-10
[30] US (15/040756) 2016-02-10

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[13] A1
[51] **Int.Cl. A47C 7/40 (2006.01) A47C 1/022 (2006.01) A47C 5/12 (2006.01) A47C 7/14 (2006.01)**
[25] EN
[54] **BACK SUPPORT FOR A CHAIR**
[54] **SUPPORT LOMBAIRE DESTINE A UNE CHAISE**
[72] BEYER, PETER J., US
[72] FLEET, KYLE R., US
[72] SCHASEL, MICHAEL E., US
[72] KERCHER, TODD A., US
[72] GESSLER, BRIAN S., US
[72] BELLINGAR, TERESA A., US
[71] HAWORTH, INC., US
[22] 2017-01-27
[41] 2017-08-12
[30] US (15/042,723) 2016-02-12

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[21] **2,956,642**
[13] A1
[51] **Int.Cl. B61D 7/16 (2006.01)**
[25] EN
[54] **HATCH COVER FOR RAILWAY CARS AND METHOD OF MANUFACTURING THE SAME**
[54] **PANNEAU DE TRAPPE DE WAGONS ET METHODE DE FABRICATION ASSOCIEE**
[72] SANDHEINRICH, GLENN, US
[72] RECKKER, CHRISTOPHER, US
[72] GONZALEZ, FRANCISCO J., US
[71] AMERICAN RAILCAR INDUSTRIES, INC., US
[22] 2017-01-30
[41] 2017-08-10
[30] US (15/040,562) 2016-02-10

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[13] A1
[51] **Int.Cl. B23Q 35/00 (2006.01) B23Q 33/00 (2006.01)**
[25] EN
[54] **KEY DUPLICATION MACHINE HAVING USER-BASED FUNCTIONALITY**
[54] **MACHINE DE REPRODUCTION DE CLE COMPORTANT UNE FONCTIONNALITE FONDEE SUR L'UTILISATEUR**
[72] SPANGLER, TODD, US
[72] BURKETT, MICHAEL, US
[72] SHOENHAIR, JORDAN, US
[71] THE HILLMAN GROUP INC., US
[22] 2017-01-31
[41] 2017-08-08
[30] US (62/292,671) 2016-02-08

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[21] **2,956,748**
[13] A1
[51] **Int.Cl. G06F 17/18 (2006.01)**
[25] EN
[54] **TOP-EVENT ASSESSMENT APPARATUS**
[54] **APPAREIL D'EVALUATION D'EVENEMENT EN TETE DE LISTE**
[72] ITO, SHINGO, JP
[72] SATO, KEIYA, JP
[71] MITSUBISHI AIRCRAFT CORPORATION, JP
[22] 2017-01-31
[41] 2017-08-12
[30] JP (2016-024551) 2016-02-12

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[21] **2,956,761**
[13] A1
[51] **Int.Cl. H01R 13/73 (2006.01) G05D 23/19 (2006.01)**
[25] EN
[54] **WALL MOUNTABLE CONNECTOR TERMINAL CONFIGURATION**
[54] **CONFIGURATION DE BORNE DE CONNECTEUR DESTINEE A UNE INSTALLATION MURALE**
[72] READ, TRAVIS, US
[72] EMMONS, DAVID J., US
[72] GILMER, PRESTON, US
[72] AMUNDSON, JOHN, US
[72] FINCH, HEIDI, US
[72] BARTON, ERIC, US
[72] SAPAK, JIRI, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-01-30
[41] 2017-08-12
[30] US (15/042,397) 2016-02-12

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[13] A1
[51] **Int.Cl. H01R 13/73 (2006.01) G05D 23/19 (2006.01)**
[25] EN
[54] **HVAC WALL MOUNTABLE CONNECTOR WITH MOVABLE DOOR**
[54] **RACCORD MURAL DE CVCA A PORTE MOBILE**
[72] READ, TRAVIS, US
[72] EMMONS, DAVID J., US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-01-30
[41] 2017-08-12
[30] US (15/042,913) 2016-02-12

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[13] A1
[51] **Int.Cl. H01R 13/73 (2006.01) G05D 23/19 (2006.01)**
[25] EN
[54] **WALL MOUNTABLE CONNECTOR FOR AN HVAC CONTROLLER**
[54] **RACCORD MURAL DESTINE A UN CONTROLEUR CVCA**
[72] EMMONS, DAVID J., US
[72] READ, TRAVIS, US
[72] BARTON, ERIC, US
[72] WOLFF, STEVEN L., US
[72] PUTREVU, SRIHARSHA, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-01-30
[41] 2017-08-12
[30] US (15/042,941) 2016-02-12

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[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/94 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **ADAPTER, EXTENSION, AND CONNECTOR ASSEMBLIES FOR SURGICAL DEVICES**
[54] **DISPOSITIFS D'ADAPTATEUR, DE RALLONGE ET DE RACCORD DESTINES A DES APPAREILS CHIRURGICAUX**
[72] CABRERA, RAMIRO, US
[72] PAUL, STEPHEN, US
[71] COVIDIEN LP, US
[22] 2017-02-01
[41] 2017-08-10
[30] US (15/040,571) 2016-02-10

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[13] A1
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/072 (2006.01) A61B 17/94 (2006.01)**
[25] EN
[54] **SURGICAL STAPLER WITH SMALL DIAMETER ENDOSCOPIC PORTION**
[54] **AGRAFEUSE CHIRURGICALE A PORTION ENDOSCOPIQUE A PETIT DIAMETRE**
[72] MARCZYK, STANISLAW, US
[72] ARANYI, ERNIE, US
[72] KOSTRZEWSKI, STANISLAW, US
[71] COVIDIEN LP, US
[22] 2017-02-01
[41] 2017-08-11
[30] US (15/041,117) 2016-02-11

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[13] A1
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/00 (2006.01) A61B 17/072 (2006.01)**
[25] EN
[54] **SURGICAL STAPLER WITH ARTICULATION LOCKING MECHANISM**
[54] **AGRAFEUSE CHIRURGICALE DOTEE D'UN MECANISME DE BLOCAGE D'ARTICULATION**
[72] WILLIAMS, JUSTIN, US
[71] COVIDIEN LP, US
[22] 2017-02-01
[41] 2017-08-10
[30] US (15/040,710) 2016-02-10

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[21] 2,956,861
[13] A1
[51] **Int.Cl. F15B 13/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CALIBRATING A HYDRAULIC DRIVE SYSTEM**
[54] **SYSTEME ET METHODE DE CALIBRAGE D'UN SYSTEME D'ENTRAINEMENT HYDRAULIQUE**
[72] MORRISON, TOM, US
[72] ROTOLE, DAVID V., US
[72] THIES, ERIC M., US
[72] USASZ, MITCHELL R., US
[72] WRIGHT, WALTER C., US
[71] DEERE & COMPANY, US
[22] 2017-02-01
[41] 2017-08-11
[30] US (62/294,045) 2016-02-11
[30] US (15/404,779) 2017-01-12

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[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **EVENT-COMBINATION ASSESSMENT APPARATUS**
[54] **APPAREIL D'EVALUATION DE COMBINAISON D'EVENEMENTS**
[72] ITO, SHINGO, JP
[72] NAKAMURA, MITSUGU, JP
[72] SATO, KEIYA, JP
[71] MITSUBISHI AIRCRAFT CORPORATION, JP
[22] 2017-02-01
[41] 2017-08-10
[30] JP (2016-023342) 2016-02-10

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[13] A1
[51] **Int.Cl. F01D 5/22 (2006.01) F01D 5/14 (2006.01) F04D 29/28 (2006.01)**
[25] EN
[54] **CENTRIFUGAL COMPRESSOR ASSEMBLY FOR USE IN A TURBINE ENGINE AND METHOD OF ASSEMBLY**
[54] **MECANISME DE COMPRESSEUR CENTRIFUGE DESTINE A UNE TURBINE ET METHODE D'ASSEMBLAGE**
[72] MONIZ, THOMAS ORY, US
[72] ROSE, JOSEPH GEORGE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-11
[30] US (15/041,467) 2016-02-11

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[13] A1
[51] **Int.Cl. F01D 5/10 (2006.01) F01D 5/02 (2006.01) F01D 5/06 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH RING DAMPER**
[54] **TURBINE A GAZ DOTEE D'AMORTISSEUR ANNULAIRE**
[72] PRESCOTT, JEFFREY MILES MCMILLEN, US
[72] WESLING, RICHARD ALAN, US
[72] SIMEONE, PETER ANDREW, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-12
[30] US (15/042,187) 2016-02-12

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[13] A1
[51] **Int.Cl. B32B 3/12 (2006.01) B32B 27/00 (2006.01) F01D 9/02 (2006.01) F01D 25/24 (2006.01) F01D 25/26 (2006.01)**
[25] EN
[54] **AIRCRAFT ENGINE WITH AN IMPACT PANEL**
[54] **MOTEUR D'AERONEF DOTE D'UN PANNEAU D'IMPACT**
[72] GEMEINHARDT, GREGORY CARL, US
[72] SCHULTE, MICHAEL DOMINIC, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-11
[30] US (15/041,696) 2016-02-11

[21] **2,956,914**
[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01) F01D 5/14 (2006.01) F01D 25/12 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **AIRFOIL TRAILING EDGE COOLING**
[54] **REFROIDISSEMENT DE BORD DE TRAINEE DE PROFIL AERODYNAMIQUE**
[72] BUNKER, RONALD SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-12
[30] US (15/042,611) 2016-02-12

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[13] A1
[51] **Int.Cl. F01D 25/16 (2006.01) F01D 21/14 (2006.01) F02C 7/06 (2006.01)**
[25] EN
[54] **ROTOR SUPPORT SYSTEM WITH SHAPE MEMORY ALLOY COMPONENTS FOR A GAS TURBINE ENGINE**
[54] **MECANISME DE SUPPORT DE ROTOR DOTE DE COMPOSANTES EN ALLIAGE A MEMOIRE DE FORME DESTINE A UNE TURBINE A GAZ**
[72] KHAN, ESUFF, IN
[72] AC, SHIVARAM, IN
[72] BURAVALLA, VIDYASHANKAR RAMASASTRY, IN
[72] GHOSH, SHUVAJYOTI, IN
[72] JOSHI, AKASH, IN
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-11
[30] US (15/041,136) 2016-02-11

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[21] **2,956,917**
[13] A1
[51] **Int.Cl. B64C 25/50 (2006.01) F16F 7/10 (2006.01)**
[25] FR
[54] **AIRCRAFT LANDING GEAR INCLUDING A MAIN SHOCK ABSORBER AND A SECONDARY, ANTI-SHIMMY SHOCK ABSORBER**
[54] **ATTERRISSEUR POUR AERONEF COMPORTANT UN AMORTISSEUR PRINCIPAL ET UN AMORTISSEUR SECONDAIRE ANTI SHIMMY**
[72] DAUPHIN, FLORENT, FR
[72] FORTIER, FLORENT, FR
[72] DUBOIS, SEBASTIEN, FR
[71] SAFRAN LANDING SYSTEMS, FR
[22] 2017-02-01
[41] 2017-08-10
[30] FR (16 51081) 2016-02-10

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[13] A1
[51] **Int.Cl. B64F 5/00 (2017.01) B64D 47/00 (2006.01)**
[25] EN
[54] **REAL TIME NON-ONBOARD DIAGNOSTICS OF AIRCRAFT FAILURES**
[54] **DIAGNOSTIC NON EMBARQUE EN TEMPS REEL DE DEFAILLANCES D'AERONEF**
[72] BOLLING, RANDY E., US
[72] MCGILL, CHRISTOPHER SCOTT, US
[72] CARON, GERARD JOHN, US
[72] DERF, JEFFREY ALLEN, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2017-02-02
[41] 2017-08-12
[30] US (15/042,502) 2016-02-12

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[13] A1
[51] **Int.Cl. G02B 6/10 (2006.01) G02B 5/20 (2006.01) H01S 3/098 (2006.01)**
[25] EN
[54] **OPTICAL FIBER ASSEMBLY WITH ENHANCED FILTERING OF HIGHER-ORDER MODES**
[54] **ASSEMBLAGE DE FIBRE OPTIQUE A FILTRAGE AMELIORE DE MODES D'ORDRE SUPERIEUR**
[72] DELADURANTAYE, MARC, CA
[72] PARE, CLAUDE, CA
[72] LAPERLE, PIERRE, CA
[71] INSTITUT NATIONAL D'OPTIQUE, CA
[22] 2017-02-03
[41] 2017-08-12
[30] US (62/294,525) 2016-02-12

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[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 5/14 (2006.01)**
[25] EN
[54] **FLOWPATH CONTOURING**
[54] **CONTOURNEMENT DE PARCOURS D'ECOULEMENT**
[72] BUNKER, RONALD SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-12
[30] US (15/042,568) 2016-02-12

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[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01) F01D 9/02 (2006.01) F01D 25/12 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **THERMAL STRESS RELIEF OF A COMPONENT**
[54] **LIBERATION DE CONTRAINTE THERMIQUE D'UN COMPOSANT**
[72] BUNKER, RONALD SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-12
[30] US (15/042,674) 2016-02-12

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[13] A1
[51] **Int.Cl. F02K 1/54 (2006.01) F02K 1/76 (2006.01)**
[25] EN
[54] **REVERSE THRUST ENGINE**
[54] **MOTEUR A POUSSEE INVERSEE**
[72] NAKANO, TSUGUJI, US
[72] BREEZE-STRINGFELLOW, ANDREW, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-09
[30] US (15/018,893) 2016-02-09

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[13] A1
[51] **Int.Cl. C22C 30/00 (2006.01) C22C 19/07 (2006.01) C23C 4/04 (2006.01) C23C 4/12 (2016.01)**
[25] EN
[54] **WEAR RESISTANT AND CORROSION RESISTANT COBALT-BASED ALLOY POWDERS AND APPLICATIONS THEREOF**
[54] **POUDRES D'ALLIAGE A BASE DE COBALT RESISTANT A L'USURE ET RESISTANT A LA CORROSION, ET APPLICATIONS ASSOCIEES**
[72] YAO, MATTHEW, US
[72] BELHADJHAMIDA, HAKIM, US
[72] LEE, DAVID A., US
[72] ZHENG, QINGJUN, US
[71] KENNAMETAL INC., US
[22] 2017-02-02
[41] 2017-08-12
[30] US (62/294,785) 2016-02-12

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[21] **2,957,024**
[13] A1
[51] **Int.Cl. B64C 11/38 (2006.01) F01D 7/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR INTEGRATED PITCH CONTROL MECHANISM ACTUATOR HYDRAULIC FLUID TRANSFER**
[54] **METHODE ET SYSTEME DE TRANSFERT DE FLUIDE HYDRAULIQUE D'ACTIONNEUR DE MECANISME DE CONTROLE DE PAS INTEGRE**
[72] NIERGARTH, DANIEL ALAN, US
[72] ZATORSKI, DAREK TOMASZ, US
[72] KROGER, CHRISTOPHER JAMES, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-12
[30] US (15/043,036) 2016-02-12

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[21] **2,957,068**
[13] A1
[51] **Int.Cl. B65B 31/00 (2006.01) B65B 25/04 (2006.01)**
[25] EN
[54] **METHOD FOR PRESERVING PRODUCE**
[54] **METHODE DE CONSERVATION DE PRODUITS**
[72] MARTEL, SCARLETT, CA
[71] MARTEL, SCARLETT, CA
[22] 2017-02-06
[41] 2017-08-12
[30] GB (1602597.5) 2016-02-12

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[21] **2,957,088**
[13] A1
[51] **Int.Cl. H02B 1/20 (2006.01) H02B 1/04 (2006.01)**
[25] EN
[54] **LOAD CENTER, AND BUS ASSEMBLY AND OPERATING METHOD THEREFOR**
[54] **CENTRE DE CHARGE ET ENSEMBLE DE BUS ET METHODE DE FONCTIONNEMENT ASSOCIEE**
[72] COURSON, ANDREW WILLIAM, US
[72] OKERMAN, JASON KOHEI, US
[71] EATON CORPORATION, US
[22] 2017-02-03
[41] 2017-08-11
[30] US (15/041,352) 2016-02-11

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[13] A1
[51] **Int.Cl. F02B 19/00 (2006.01) F02B 19/10 (2006.01) F02B 19/18 (2006.01)**
[25] EN
[54] **LEAN-BURN PRE-COMBUSTION CHAMBER**
[54] **CHAMBRE DE PRECOMBUSTION A MELANGE PAUVRE**
[72] TOZZI, LUIGI P., US
[72] SOTIROPOULOU, MARIA-EMMANUELLA, US
[72] BESHOURI, GREG, US
[72] LEPLEY, DAVID THOMAS, US
[71] PROMETHEUS APPLIED TECHNOLOGIES, LLC, US
[22] 2017-02-03
[41] 2017-08-06
[30] US (62/292,301) 2016-02-06
[30] US (15/422,751) 2017-02-02

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[13] A1
[51] **Int.Cl. B32B 3/08 (2006.01) F01D 5/14 (2006.01) F01D 5/28 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **FRANGIBLE GAS TURBINE ENGINE AIRFOIL**
[54] **PROFIL DYNAMIQUE DE TURBINE A GAZ FRANGIBLE**
[72] NANDULA, PHANI, IN
[72] SUBRAMANIAN, SURESH, IN
[72] KRAY, NICHOLAS JOSEPH, US
[72] GEMEINHARDT, GREGORY CARL, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-06
[41] 2017-08-09
[30] US (15/018,902) 2016-02-09

[21] **2,957,116**
[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 5/042 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **CATHETER SPINE ASSEMBLY WITH CLOSELY-SPACED BIPOLE MICROELECTRODES**
[54] **ASSEMBLAGE D'EPINE DE CATHETER DOTE DE MICROELECTRODES BIPOLAIRES RAPPROCHEES**
[72] BASU, SHUBHAYU, US
[72] SOLIS, MARIO A., US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-02-02
[41] 2017-08-08
[30] US (15/018,810) 2016-02-08

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[21] **2,957,130**
[13] A1
[51] **Int.Cl. A61B 17/3207 (2006.01) A61B 34/20 (2016.01)**
[25] EN
[54] **VASCULAR DEVICE MARKER ATTACHMENT**
[54] **FIXATION DE MARQUEUR DE DISPOSITIF VASCULAIRE**
[72] EPSTEIN, EVAN, US
[72] BROWN, KENNETH, US
[71] COVIDIEN LP, US
[22] 2017-02-06
[41] 2017-08-12
[30] US (15/043,463) 2016-02-12
[30] US (15/043,466) 2016-02-12

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[13] A1
[51] **Int.Cl. A47F 3/04 (2006.01) A47F 11/10 (2006.01) F24F 9/00 (2006.01) F25D 17/06 (2006.01) F25D 25/02 (2006.01)**
[25] EN
[54] **DISCHARGE AIR STRAIGHTENER**
[54] **REDRESSEUR D'AIR D'EVACUATION**
[72] EGET, LAWRENCE WILLIAM, US
[72] SWOFFORD, T. DEAN, US
[72] BATES, ROY, US
[71] HILL PHOENIX, INC., US
[22] 2017-02-06
[41] 2017-08-11
[30] US (15/041,860) 2016-02-11

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[21] **2,957,141**
[13] A1
[51] **Int.Cl. F25J 3/00 (2006.01)**
[25] EN
[54] **RECOVERY OF HELIUM FROM NITROGEN-RICH STREAMS**
[54] **RECUPERATION DE L'HELIUM DE FLUX RICHES EN AZOTE**
[72] WHITE, VINCENT, GB
[72] HIGGINBOTHAM, PAUL, GB
[72] PALAMARA, JOHN EUGENE, US
[72] BERGER, ALAN, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2017-02-06
[41] 2017-08-11
[30] US (15/041,305) 2016-02-11

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[13] A1
[51] **Int.Cl. E21B 21/00 (2006.01) E21B 21/10 (2006.01) E21B 21/14 (2006.01)**
[25] EN
[54] **IN-LINE WELL FLUID EDUCTION BLENDING**
[54] **MELANGE DE VIDANGE DE FLUIDE DE PUITS EN LIGNE**
[72] COBB, DON B., US
[71] CHEMRIGHT, LLC, US
[22] 2017-02-06
[41] 2017-08-12
[30] US (62/294,708) 2016-02-12
[30] US (15/421,649) 2017-02-01

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[13] A1
[51] **Int.Cl. A47J 37/10 (2006.01) A47J 27/00 (2006.01) A47J 36/00 (2006.01)**
[25] EN
[54] **COOKING TRAY**
[54] **PLATEAU DE CUISSON**
[72] MOERMAN, CHRIS, CA
[71] MOERMAN, CHRIS, CA
[22] 2017-02-07
[41] 2017-08-08
[30] US (62292682) 2016-02-08

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[13] A1
[51] **Int.Cl. F25D 23/04 (2006.01) F25D 11/02 (2006.01) F25D 25/00 (2006.01)**
[25] EN
[54] **COOLING ARRANGEMENT FOR REFRIGERATORS**
[54] **SYSTEME DE REFROIDISSEMENT DESTINE AUX REFRIGERATEURS**
[72] BASSO, DIEGO FABRICIO, AR
[71] CERVECERIA Y MALTERIA QUILMES S.A.I.C.A. Y G., AR
[22] 2017-02-07
[41] 2017-08-11
[30] AR (P160100372) 2016-02-11

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[13] A1
[51] **Int.Cl. F25D 23/04 (2006.01) F25D 11/02 (2006.01) F25D 17/06 (2006.01) F25D 25/00 (2006.01)**
[25] EN
[54] **SECTORIZED COOLING ARRANGEMENT FOR REFRIGERATORS**
[54] **ARRANGEMENT DE REFRIGERATION SECTIONNEL DESTINE AUX REFRIGERATEURS**
[72] BASSO, DIEGO FABRICIO, AR
[71] CERVECERIA Y MALTERIA QUILMES S.A.I.C.A. Y G., AR
[22] 2017-02-07
[41] 2017-08-12
[30] AR (P160100390) 2016-02-12
[30] AR (P160101997) 2016-06-30

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[13] A1
[51] **Int.Cl. G01D 21/00 (2006.01) G01D 3/036 (2006.01)**
[25] EN
[54] **MEASURING CIRCUIT**
[54] **CIRCUIT DE MESURE**
[72] JAN, PATRICK, CH
[71] MEGGITT SA, CH
[22] 2017-02-06
[41] 2017-08-08
[30] EP (16154622.1) 2016-02-08

[21] **2,957,193**
[13] A1
[51] **Int.Cl. G01J 3/36 (2006.01) H01L 31/18 (2006.01)**
[25] EN
[54] **FABRICATING A SENSOR DEVICE**
[54] **FABRICATION D'UN DISPOSITIF CAPTEUR**
[72] OCKENFUSS, GEORG J., US
[71] VIAVI SOLUTIONS INC., US
[22] 2017-02-06
[41] 2017-08-12
[30] US (62/294,982) 2016-02-12

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[13] A1
[51] **Int.Cl. A01F 29/09 (2010.01) A01F 29/00 (2006.01)**
[25] EN
[54] **LASER CLAD CUTTING EDGE FOR AGRICULTURAL CUTTING COMPONENTS**
[54] **BORD DE COUPE REVETU AU LASER DESTINE A DES COMPOSANTES DE COUPE AGRICOLES**
[72] STOFFEL, NEAL J., US
[72] SOTELO, JUAN G., US
[72] JOHNSON, KEITH A., US
[72] BECHLER, MICHAEL A., US
[71] KONDEX CORPORATION, US
[22] 2017-02-07
[41] 2017-08-12
[30] US (15/043,185) 2016-02-12

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[21] **2,957,296**
[13] A1
[51] **Int.Cl. C12N 1/12 (2006.01) C12M 1/42 (2006.01) C12N 1/20 (2006.01) C12P 1/00 (2006.01) C12P 5/02 (2006.01) C12P 7/02 (2006.01)**
[25] EN
[54] **BIOMASS PRODUCTION IN ALKALINE CONDITIONS**
[54] **PRODUCTION DE BIOMASSE DANS DES CONDITIONS ALCALINES**
[72] STROUS, MARC, CA
[72] SHARP, CHRISTINE, CA
[72] DE LA HOZ SIEGLER, HECTOR, CA
[72] WELCH, GREGORY, CA
[71] UTI LIMITED PARTNERSHIP, CA
[22] 2017-02-08
[41] 2017-08-09
[30] US (62/293,132) 2016-02-09

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[21] **2,957,321**
[13] A1
[51] **Int.Cl. F04B 37/08 (2006.01) F04B 39/10 (2006.01) F04B 39/12 (2006.01) F04B 53/16 (2006.01)**
[25] EN
[54] **CYROGENIC PUMP AND INLET HEADER**
[54] **POMPE CRYOGENIQUE ET EMBOUT D'ENTREE**
[72] MIKULSKI, BEN, CA
[72] LUFT, DONALD R., CA
[72] GUEST, FLOYD, CA
[71] TRICAN WELL SERVICE LTD., CA
[22] 2017-02-08
[41] 2017-08-08
[30] US (62/292,792) 2016-02-08
[30] US (62,427,005) 2016-11-28

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[21] **2,957,323**
[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01)**
[25] EN
[54] **VEE RAMP SLIPS WITH PLUG**
[54] **MANCHONS DE RAMPE EN V DOTES DE CAPUCHON**
[72] JORDAN, HENRY (JOE) J., JR., US
[71] ADVANCED FRAC SYSTEMS LLC, US
[22] 2017-02-08
[41] 2017-08-08
[30] US (62/292,425) 2016-02-08

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[21] **2,957,338**
[13] A1
[51] **Int.Cl. B32B 3/12 (2006.01) B32B 13/00 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR GYPSUM BOARD WITH EMBEDDED STRUCTURE HAVING OPEN CELLS THAT ARE SUBSTANTIALLY FILLED**
[54] **SYSTEME, METHODE ET APPAREIL DESTINES A UN PANNEAU DE GYPSE A STRUCTURE INTEGREE COMPORTANT DES CELLULES OUVERTES QUI SONT SUBSTANTIELLEMENT REMPLIES**
[72] GLEAN, ALDO, US
[72] SHI, ZHIQIANG, US
[71] CERTAINTEED GYPSUM, INC., US
[22] 2017-02-08
[41] 2017-08-08
[30] US (62/292,794) 2016-02-08

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[21] **2,957,344**
[13] A1
[51] **Int.Cl. E04B 1/74 (2006.01) E04F 21/06 (2006.01)**
[25] EN
[54] **UNBONDED LOOSEFILL INSULATION**
[54] **ISOLANT EN VRAC NON LIE**
[72] COOK, DAVID MICHAEL, US
[72] EVANS, MICHAEL EUGENE, US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[22] 2017-02-08
[41] 2017-08-08
[30] US (62/292,492) 2016-02-08

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[21] **2,957,371**
[13] A1
[51] **Int.Cl. E21B 10/60 (2006.01) E21B 7/08 (2006.01)**
[25] EN
[54] **DRILL BIT**
[54] **TREPAN**
[72] BYRNES, BLAKE AUSTON, US
[72] DEEN, CARL ARON, US
[72] CUNNINGHAM, JASON ROBERT, CA
[72] GOODSHIP, RACHEL SARAH, CA
[71] ULTERRA DRILLING TECHNOLOGIES, L.P., US
[22] 2017-02-08
[41] 2017-08-08
[30] US (62/292,552) 2016-02-08

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[13] A1
[51] **Int.Cl. G06F 3/0481 (2013.01) H04N 21/472 (2011.01) G06F 3/0487 (2013.01) G06F 3/01 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SPATIAL INTERACTION FOR VIEWING AND MANIPULATING OFF-SCREEN CONTENT**
[54] **SYSTEME ET METHODE D'INTERACTION SPATIALE SERVANT A AFFICHER ET A MANIPULER UN CONTENU HORS ECRAN**
[72] PALUKA, ERIK, CA
[72] COLLINS, CHRISTOPHER, CA
[71] UNIVERSITY OF ONTARIO INSTITUTE OF TECHNOLOGY, CA
[22] 2017-02-08
[41] 2017-08-08
[30] US (62/292,667) 2016-02-08

[21] **2,957,437**
[13] A1
[51] **Int.Cl. F17D 1/14 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DISTRIBUTED FLUID CONVEYOR (DFC)**
[54] **METHODES ET SYSTEMES DESTINES A UN CONVOYEUR DE FLUIDE DISTRIBUE**
[72] VARD, MEHRDAD, CA
[71] VARD, MEHRDAD, CA
[22] 2017-02-09
[41] 2017-08-09
[30] US (62293254) 2016-02-09

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[21] **2,957,451**
[13] A1
[51] **Int.Cl. F01D 25/00 (2006.01) F01D 5/18 (2006.01) F01D 9/02 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **SURFACE CONTOURING**
[54] **CONTOUR DE SURFACE**
[72] BUNKER, RONALD SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-09
[41] 2017-08-12
[30] US (15/042,586) 2016-02-12

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[21] **2,957,456**
[13] A1
[51] **Int.Cl. F01D 5/14 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **RIBLETS FOR A FLOWPATH SURFACE OF A TURBOMACHINE**
[54] **NERVURES DESTINEES A UNE SURFACE D'ECOULEMENT DE FLUX D'UNE TURBOMACHINE**
[72] BUNKER, RONALD SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-09
[41] 2017-08-12
[30] US (15/042,635) 2016-02-12

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[21] **2,957,477**
[13] A1
[51] **Int.Cl. B64C 27/30 (2006.01) B64C 19/00 (2006.01) B64C 27/24 (2006.01) B64C 39/02 (2006.01) B64D 27/24 (2006.01)**
[25] EN
[54] **MAGNETIC ORIENTATION DETENT**
[54] **CRAN A ORIENTATION MAGNETIQUE**
[72] GAMBLE, DUSTIN ELI, US
[71] LOCKHEED MARTIN CORPORATION, US
[22] 2017-02-08
[41] 2017-08-10
[30] US (15/040,428) 2016-02-10

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[21] **2,957,508**
[13] A1
[51] **Int.Cl. E05B 15/14 (2006.01)**
[25] EN
[54] **WEATHER RESISTANT LOCK**
[54] **VERROU RESISTANT AUX INTEMPERIES**
[72] SABELLI, TONINO, CA
[72] MCLEOD, JOHN, CA
[71] WESKO LOCKS LTD., CA
[22] 2017-02-09
[41] 2017-08-09
[30] CA (2,920,469) 2016-02-09

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[21] **2,957,527**
[13] A1
[51] **Int.Cl. H01R 13/703 (2006.01) A47B 21/06 (2006.01) H02J 1/00 (2006.01) H02J 4/00 (2006.01) G01R 33/07 (2006.01)**
[25] EN
[54] **ELECTRICAL POWER LOAD SWITCH WITH CONNECTION SENSOR**
[54] **INTERRUPTEUR DE CHARGE D'ALIMENTATION ELECTRIQUE DOTE D'UN CAPTEUR DE CONNEXION**
[72] BYRNE, NORMAN R., US
[72] BURDI, ROGER D., US
[72] LI, SHIXIONG, US
[72] MORROW, NICKOLAS J., US
[71] BYRNE, NORMAN R., US
[22] 2017-02-09
[41] 2017-08-12
[30] US (62/294,368) 2016-02-12

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[13] A1
[51] **Int.Cl. F21V 14/06 (2006.01) F21K 9/00 (2016.01) F21V 5/00 (2015.01) F21V 21/08 (2006.01) F21V 31/00 (2006.01)**
[25] EN
[54] **DECORATIVE LIGHT**
[54] **LUMIERE DECORATIVE**
[72] ZHANG, CHENG-CHUN, US
[72] CHANG, LIO, US
[71] GEMMY INDUSTRIES CORPORATION, US
[22] 2017-02-08
[41] 2017-08-08
[30] US (15/018,458) 2016-02-08

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[13] A1
[51] **Int.Cl. G01J 3/46 (2006.01) G06T 7/90 (2017.01) G06T 5/00 (2006.01) G06T 7/60 (2017.01)**
[25] EN
[54] **METHOD FOR DETERMINING A COLOUR VALUE OF AN OBJECT IN AN IMAGE**
[54] **METHODE DE DETERMINATION D'UNE VALEUR DE COULEUR D'UN OBJET DANS UNE IMAGE**
[72] ROSTAING, LAURENT, FR
[72] ROUH, ALAIN, FR
[72] BEAUDET, JEAN, FR
[71] SAFRAN IDENTITY & SECURITY, FR
[22] 2017-02-08
[41] 2017-08-12
[30] FR (1651157) 2016-02-12

[21] **2,957,551**
[13] A1
[51] **Int.Cl. B64C 1/12 (2006.01) B64F 5/10 (2017.01) B64C 3/26 (2006.01)**
[25] EN
[54] **COMPOSITE WING STRUCTURE AND METHODS OF MANUFACTURE**
[54] **STRUCTURE D'AILE EN COMPOSITE ET METHODES DE FABRICATION**
[72] CARLSON, DAVID G., US
[72] MCCULLOUGH, JOHN R., US
[72] DECKER, GEORGE R., US
[72] WOLFE, DOUGLAS K., US
[72] BAINES, ANDREW G., US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2017-02-08
[41] 2017-08-08
[30] US (62/292,673) 2016-02-08
[30] US (15/423,981) 2017-02-03
[30] US (15/423,939) 2017-02-03

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[13] A1
[51] **Int.Cl. B64C 3/18 (2006.01) B64F 5/10 (2017.01) B64C 1/06 (2006.01)**
[25] EN
[54] **COMPOSITE RIB ASSEMBLY**
[54] **ASSEMBLAGE DE NERVURE EN COMPOSITE**
[72] CARLSON, DAVID G., US
[72] MCCULLOUGH, JOHN R., US
[72] OLDROYD, PAUL K., US
[72] MAY, CARL A., US
[72] KOOIMAN, JAMES E., US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2017-02-08
[41] 2017-08-08
[30] US (62/292,718) 2016-02-08
[30] US (15/424,095) 2017-02-03

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[13] A1
[51] **Int.Cl. B64C 3/24 (2006.01) B64F 5/10 (2017.01) B64C 1/06 (2006.01) B64C 3/18 (2006.01) B64C 27/28 (2006.01) F24H 3/02 (2006.01)**
[25] EN
[54] **COMPOSITE WING STRUCTURE AND METHODS OF MANUFACTURE**
[54] **STRUCTURE D'AILE EN COMPOSITE ET METHODES DE FABRICATION**
[72] CARLSON, DAVID G., US
[72] MCCULLOUGH, JOHN R., US
[72] WOLFE, DOUGLAS K., US
[72] DECKER, GEORGE R., US
[72] STANNEY, KEITH A., US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2017-02-08
[41] 2017-08-08
[30] US (62/292,673) 2016-02-08
[30] US (62/292,729) 2016-02-08
[30] US (15/423,888) 2017-02-03
[30] US (15/424,588) 2017-02-03
[30] US (15/424,402) 2017-02-03
[30] US (15/424,565) 2017-02-03

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[13] A1
[51] **Int.Cl. E21B 12/00 (2006.01)**
[25] EN
[54] **BIT CHANGE MECHANISM FOR A DRILL RIG**
[54] **MECANISME DE CHANGEMENT DE TREPAN DESTINE A UN TREPAN**
[72] GASKA, JASON E., US
[72] HAWORTH, SAMUEL F., US
[71] HARNISCHFEGER TECHNOLOGIES, INC., US
[22] 2017-02-10
[41] 2017-08-12
[30] US (62/294,680) 2016-02-12

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[21] **2,957,575**
[13] A1
[51] **Int.Cl. E21B 12/00 (2006.01) E21B 10/62 (2006.01)**
[25] EN
[54] **MECHANISM FOR RETAINING BITS ON A BLASTHOLE DRILL**
[54] **MECANISME DE FIXATION DE TREPANS SUR UNE FOREUSE DE TROU DE MINE**
[72] GASKA, JASON E., US
[71] HARNISCHFEGER TECHNOLOGIES, INC., US
[22] 2017-02-10
[41] 2017-08-12
[30] US (62/294,658) 2016-02-12

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[13] A1
[51] **Int.Cl. E21B 19/16 (2006.01) E21B 19/20 (2006.01)**
[25] EN
[54] **ADJUSTABLE BREAKOUT WRENCH FOR A MINING MACHINE**
[54] **CLE DE DEVISSAGE AJUSTABLE DESTINEE A UNE MACHINE D'EXPLOITATION MINIERE**
[72] GASKA, JASON E., US
[72] HAWORTH, SAMUEL F., US
[71] HARNISCHFEGER TECHNOLOGIES, INC., US
[22] 2017-02-10
[41] 2017-08-12
[30] US (62/294,732) 2016-02-12

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[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **METHODS, SYSTEMS, AND DEVICES FOR ADAPTIVE DATA RESOURCE ASSIGNMENT AND PLACEMENT IN DISTRIBUTED DATA STORAGE SYSTEMS**
[54] **METHODES, SYSTEMES ET DISPOSITIFS D'ATTRIBUTION DE RESSOURCES DE DONNEES ADAPTATIVE ET DE POSITIONNEMENT DANS LES SYSTEMES D'ENREGISTREMENT DE DONNEES DISTRIBUES**
[72] WIRES, JACOB TAYLOR, CA
[72] WARFIELD, ANDREW, CA
[71] COHO DATA, INC., US
[22] 2017-02-10
[41] 2017-08-12
[30] US (62/294,359) 2016-02-12

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[13] A1
[51] **Int.Cl. F42B 12/72 (2006.01) F42B 7/00 (2006.01) F42B 7/02 (2006.01) F42B 12/74 (2006.01)**
[25] EN
[54] **DISSOLVABLE PROJECTILES**
[54] **PROJECTILES SOLUBLES**
[72] WALL, WESLEY, CA
[72] WALL, ADAM, CA
[72] WHITAKER, RAY, CA
[72] ADAB, SHEKAIB, CA
[72] CHUTE, WADE, CA
[71] GENICS INC., CA
[22] 2017-02-10
[41] 2017-08-10
[30] US (62/293,659) 2016-02-10

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[13] A1
[51] **Int.Cl. C03C 13/00 (2006.01) C03B 37/01 (2006.01) C03C 4/00 (2006.01)**
[25] EN
[54] **DISSOLVABLE GLASS FIBRES FOR WOOD PRESERVATIVES AND DEGRADABLE COMPOSITEMATERIALS**
[54] **FIBRES DE VERRE SOLUBLES DESTINEES AUX AGENTS DE CONSERVATION DU BOIS ET AUX MATERIAUX COMPOSITES DEGRADABLES**
[72] WALL, WESLEY, CA
[72] WALL, ADAM, CA
[72] WHITAKER, RAY, CA
[72] ADAB, SHEKAIB, CA
[72] CHUTE, WADE, CA
[71] GENICS INC., CA
[22] 2017-02-10
[41] 2017-08-10
[30] US (62/293,697) 2016-02-10

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[21] **2,957,634**
[13] A1
[51] **Int.Cl. G01S 19/23 (2010.01)**
[25] FR
[54] **DETECTION PROCESS FOR FALSE SYNCHRONIZATION OF A RECEPTOR WITH A SATELLITE, RECEPTOR AND ASSOCIATED SOFTWARE PROGRAM**
[54] **PROCEDE DE DETECTION D'UNE FAUSSE SYNCHRONISATION D'UN RECEPTEUR AVEC UN SATELLITE, RECEPTEUR ET PRODUIT PROGRAMME D'ORDINATEUR ASSOCIES**
[72] MARTIN, NICOLAS, FR
[72] BOUVET, DENIS, FR
[71] THALES, FR
[22] 2017-02-08
[41] 2017-08-09
[30] FR (16 00 214) 2016-02-09

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[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01) A47F 11/00 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **A MOBILE CAMERA-EQUIPPED DEVICE-BASED APPROACH TO ASSESSING A DISPLAY**
[54] **UNE APPROCHE D'EVALUATION D'UN AFFICHEUR FONDEE SUR UN DISPOSITIF EQUIPE D'UNE CAMERA MOBILE**
[72] BRYAN, GREG A., US
[72] LETSON, ERIC A., US
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[54] **MODULE DE RANGEMENT D'OUTIL COMPORTANT UN LOGEMENT DEPLACABLE**
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[72] SZPAK, JAMES, US
[72] TILK, JASON, US
[72] VYSTRICIL, ROB, US
[72] ALLEN, ROBERT, US
[72] RABBITT, BILL, US
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[54] **SYSTEMES DE TRAITEMENT DE DONNEES INFORMATISEES ET METHODES SERVANT A GENERER DES INTERFACES GRAPHIQUES**
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[72] HOFFMAN, RONALD J., US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
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[54] **OUTIL MANUEL DOTE D'UN RACLEUR**
[72] EVATT, THOMAS, US
[72] THACKERY, CLINTON C., US
[72] CREASMAN, JACOB F., US
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[72] ABID, MANEL, FR
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
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[54] **METHODE ET SYSTEME D'ENVOI D'UN VEHICULE DE HALAGE SUR UN SITE D'EXPLOITATION MINIERE**
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[71] SUNCOR ENERGY INC., CA
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[54] **SYSTEME DE JEU ET METHODE FONDEE SUR LES RESULTATS D'EVENEMENT EXTERNES**
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[72] KOLL, AARON MICHAEL, US
[72] PAROLA, FRANCESCO, US
[72] SIMPKINS, SARAH W., US
[71] IGT GLOBAL SOLUTIONS CORPORATION, US
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[54] **SYSTEME DE SUSPENSION DESTINE A LA CABINE D'UN VEHICULE D'EXPLOITATION MINIERE**
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[71] DUX MACHINERY CORPORATION, CA
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[72] BOOTH, ERIC LEE, US
[72] RAY, KEVIN WILLIAM, US
[71] WILLACOOCHEE INDUSTRIAL FABRICS, INC., US
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[54] **SYSTEME DE MODELISATION DE REGRESSION AU MOYEN DE VALEURS D'ECHELLE COMME ENTREES D'UNE REGRESSION AFIN DE PREDIRE L'UTILISATION DES SOINS DE SANTE ET DES COUTS OU DES CHANGEMENTSASSOCIES**
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[72] DELANEY, CHRISTOPHER R., US
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[54] **TABLE PLIANTE DOTEE D'UNE PRISE DE COURANT**
[72] PECTOL, MATTHEW, US
[71] MITY-LITE, INC., US
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[54] **SYSTEME ET METHODE D'ANALYSE D'INFORMATION DE DOCUMENTS D'IDENTIFICATION**
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[72] EMBRY, RUSSELL T., US
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[72] LAUN, LYLE, CA
[72] RAVENSBERGEN, JOHN EDWARD, CA
[72] STROMQUIST, MARTY, CA
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[54] **SYSTEME DE SURVEILLANCE D'ETAT DE FENESTRATION INTEGRE ET METHODES ASSOCIEES**
[72] DEBOER, NATHAN H., US
[72] FARNES, BRIAN M., US
[72] MAGNUSEN, JUSTIN, US
[71] MARVIN LUMBER AND CEDAR COMPANY, D/B/A/ MARVIN WINDOWS AND DOORS, US
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[54] **APPAREIL INTRA-ORAL DESTINE A L'ISOLATION LOCALE ET AU CONTROLE DE L'HUMIDITE**
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[72] CABRIT, SEBASTIEN, CA
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[54] **METHODES DE FABRICATION D'ASSEMBLAGES D'ELECTRODES A MEMBRANE DOTES D'UNE PELLICULE PROTECTRICE PERMETTANT D'AMELIORER LA DURABILITE DES PILES A COMBUSTIBLE**
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[72] CHUY, CARMEN, CA
[72] THOMAS, OWEN, CA
[72] YANG, YUNSONG, CA
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[54] **UNE METHODE DE CUISSON DES DEUX COTES DES INGREDIENTS ET UN CUISEUR ELECTRIQUE UTILISE POUR CE FAIRE**
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[54] **PLATEFORME DE REGULATION AUTOMATIQUE DE MEMBRE INFERIEUR DESTINEE A L'ENTRAINEMENT DE REHABILITATION DE LA TAILLE ET METHODE D'ENTRAINEMENT**
[72] CHEN, QIAO, CN
[72] QUAN, SEN, CN
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[72] NOOK, JONATHAN LEWIS, US
[72] NOOK, WILLIAM KNIGHT, SR., US
[72] STANFIELD, JAMES RICHARD, US
[72] UNDERHILL, DEREK MICHAEL, US
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[54] **PROCEDE DE PREPARATION D'UN ANTIGENE VACCINAL, ANTIGENE VACCINAL OBTENU ET UTILISATIONS**
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[72] TRAVERSIER, AURELIEN, FR
[72] DESUZINGES-MANDON, ELODIE, FR
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[54] **POLYTHERAPIE CONTRE LE CANCER**
[72] WONG, BRIAN, US
[72] HAMBLETON, JULIE, US
[72] SIKORSKI, ROBERT, US
[72] MASTELLER, EMMA, US
[72] HESTIR, KEVIN, US
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[71] FIVE PRIME THERAPEUTICS, INC., US
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[54] **POLYTHERAPIE COMPRENANT DES AGONISTES DE LIAISON A OX40 ET DES INHIBITEURS DE TIGIT**
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[54] **COMPOSITION PHARMACEUTIQUE DESTINEE A ETRE UTILISEE DANS LE TRAITEMENT OU LA PREVENTION DE CARENCES EN VITAMINES ET MINERAUX CHEZ DES PATIENTS AYANT ETE SOUMIS A UNE OPERATION DE PONTAGE GASTRIQUE**
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[54] **METHOD AND COMPOSITIONS FOR INDUCING DIFFERENTIATION OF MYELOID DERIVED SUPPRESSOR CELL TO TREAT CANCER AND INFECTIOUS DISEASES**
[54] **PROCEDE ET COMPOSITIONS PERMETTANT L'INDUCTION D'UNE DIFFERENCIATION DES CELLULES MYELOIDES SUPPRESSIVES POUR TRAITER LE CANCER ET LES MALADIES INFECTIEUSES**
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[71] OSE IMMUNOTHERAPEUTICS, FR
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[54] **PROCEDE D'ADSORPTION A TEMPERATURE CONTROLEE POUR LA RECUPERATION D'HYDROCARBURES CONDENSABLES A PARTIR D'UN FLUX RICHE EN METHANE**
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[72] BADHWAR, AJAY N., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **RECIPIENT POUR GAZ COMPRIME**
[72] SINHA, ASHWINI K., US
[72] GUO, QIONG, US
[72] YARDIMCI, OZLEM, US
[72] SMITH, STANLEY M., US
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[71] QUANTUM DESIGNED MATERIALS LTD., IL
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[54] **ACTIONS D'EFFACEMENT DE CONTENU D'ITINERANCE SUR PLUSIEURS DISPOSITIFS**
[72] MEHTA, YOGESH A., US
[72] URECHE, OCTAVIAN T., US
[72] ADAM, PRESTON DEREK, US
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[54] **METHODS OF SELECTING T CELL LINE AND DONOR THEREOF FOR ADOPTIVE CELLULAR THERAPY**
[54] **PROCEDES DE SELECTION D'UNE LIGNEE DE LYMPHOCYTES T ET DONNEUR DE LIGNEE DE LYMPHOCYTES T POUR THERAPIE CELLULAIRE ADOPTIVE**
[72] O'REILLY, RICHARD J., US
[72] DOUBROVINA, EKATERINA, US
[72] KOEHNE, GUENTHER, US
[72] HASAN, AISHA N., US
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[54] **METHOD FOR OPTICAL DESIGN OF A PAIR OF OPHTHALMIC LENSES AND PAIR OF OPHTHALMIC LENSES THUS OBTAINED**
[54] **PROCEDE DE CONCEPTION OPTIQUE D'UNE PAIRE DE LENTILLES OPHTALMIQUES ET PAIRE DE LENTILLES OPHTALMIQUES AINSI OBTENUE**
[72] HERNANDEZ-CASTANEDA, MARTHA, FR
[72] HESLOUIS, MELANIE, FR
[72] MARIE, SARAH, FR
[72] MARIN, GILDAS, FR
[71] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
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[54] **DISPOSITIF DE LENTILLE PERSONNALISEE ET PROCEDE**
[72] WILDSMITH, CHRISTOPHER, US
[72] WIDMAN, MICHAEL F., US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
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[54] **APPAREIL DE SOUDAGE MULTI-TENSIONS**
[72] ADMUTHE, VAIJNATH BHIMRAO, IN
[72] GERDIN, LARS, SE
[72] VILAS, PIMPLE VINAY, IN
[72] UTTAM, PISAL KIRAN, IN
[72] BHANUSHANKER, DAVE HOMESHKUMAR, IN
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[54] **METHOD FOR PREPARING A DRY CATIONIC HYDROGEL POLYMER PRODUCT, POLYMER PRODUCT AND ITS USE**
[54] **PROCEDE DE PREPARATION D'UN PRODUIT POLYMERE DE TYPE HYDROGEL, SEC, CATIONIQUE, PRODUIT POLYMERE ET SON UTILISATION**
[72] VAN ROSSUM, RONALD, NL
[72] HOLAPPA, SUSANNA, FI
[72] KYLLONEN, LASSE, FI
[71] KEMIRA OYJ, FI
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[54] **DC CIRCUIT BREAKER AND DISCONNECTOR**
[54] **DISJONCTEUR ET SECTIONNEUR A COURANT CONTINU**
[72] LANE, STEPHEN ERNEST, GB
[71] HAWKER SIDDELEY SWITCHGEAR LIMITED, GB
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[54] **COMBINED SORTING AND CONCENTRATING PARTICLES IN A MICROFLUIDIC DEVICE**
[54] **COMBINAISON DE TRI ET DE CONCENTRATION DE PARTICULES DANS UN DISPOSITIF MICROFLUIDIQUE**
[72] KAPUR, RAVI, US
[72] SMITH, KYLE C., US
[72] TONER, MEMHET, US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[54] **SORTING PARTICLES IN A MICROFLUIDIC DEVICE**
[54] **TRI DE PARTICULES DANS UN DISPOSITIF MICROFLUIDIQUE**
[72] KAPUR, RAVI, US
[72] SMITH, KYLE C., US
[72] TONER, MEHMET, US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[54] **CONCENTRATING PARTICLES IN A MICROFLUIDIC DEVICE**
[54] **CONCENTRATION DE PARTICULES DANS UN DISPOSITIF MICROFLUIDIQUE**
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[72] SMITH, KYLE C., US
[72] TONER, MEHMET, US
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[54] **APPAREIL DE COMMUTATION POUR ENCEINTES COMPRENANT UNE PROTECTION ENVIRONNEMENTALE**
[72] AMIRTHASAMY, STANLEY FELIX, US
[72] LI, PEI, CN
[72] BRAMA, MARWAN, SG
[72] WINKLER, RICHARD J., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **PROCESS FOR DECORATING AN ARTICLE**
[54] **PROCEDE DE DECORATION D'UN ARTICLE**
[72] CASSONI, ROBERT PAUL, US
[72] ALLEN, MATTHEW RICHARD, US
[72] BAKER, PAUL EDMUND, GB
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **COMPACT HEAD-MOUNTED DISPLAY SYSTEM PROTECTED BY A HYPERFINE STRUCTURE**
[54] **SYSTEME DE VISIOCASQUE COMPACT PROTEGE PAR UNE STRUCTURE HYPERFINE**
[72] AMITAI, YAAKOV, IL
[72] OFIR, YUVAL, IL
[72] MOR, ELAD, IL
[71] LUMUS LTD., IL
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[54] **TAMPON ET EMBALLAGE D'APPLICATION DE TAMPON**
[72] KAPEC, JEFFREY, US
[72] NAOI, YUKIKO, US
[72] NIGAM, PANKAJ, US
[72] OGUNADE, ADEBIMPE, US
[71] EDGEWELL PERSONAL CARE BRANDS, LLC, US
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[54] **PROCEDES DE FORMATION DE REVETEMENTS DE POLYMERE SUR DES SUBSTRATS METALLIQUES**
[72] ZHAO, LEI, US
[72] XU, ZHIYUE, US
[71] BAKER HUGHES INCORPORATED, US
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[54] **SURGICAL INSTRUMENT MOTOR WITH INCREASED NUMBER OF WIRES PER PHASE SET AND INCREASED FILL FACTOR AND CORRESPONDING MANUFACTURING METHOD**
[54] **MOTEUR D'INSTRUMENT CHIRURGICAL AVEC NOMBRE ACCRU DE FILS PAR ENSEMBLE DE PHASE ET FACTEUR DE REMPLISSAGE ACCRU, ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] LUEDI, MANFRED K., US
[72] GARADI, VIKRAM A., US
[72] BIELER, THIERRY A., CH
[72] KOECHLI, CHRISTIAN R., CH
[71] MEDTRONIC XOMED, INC., US
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[54] **SYSTEME ET PROCEDE DE GENERATION D'ENERGIE**
[72] FISENI, ALEXANDER FELIX, DE
[72] PAPINI, FRANCESCO, DE
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-05-05
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[54] **PLUG CONNECTOR FOR FLEXIBLE CONDUCTOR FILMS**
[54] **CONNECTEUR POUR FILMS DE CIRCUIT IMPRIME FLEXIBLES**
[72] LAPPOHN, JURGEN, DE
[71] ERNI PRODUCTION GMBH & CO. KG, DE
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[54] **CONNECTEUR ENFICHABLE**
[72] LAPPOHN, JURGEN, DE
[71] ERNI PRODUCTION GMBH & CO. KG, DE
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[54] **CONNECTEUR ENFICHABLE ETANCHE**
[72] LAPPOHN, JURGEN, DE
[71] ERNI PRODUCTION GMBH & CO. KG, DE
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[54] **GENERIC CONFIGURATION PARAMETERS SHARED AMONGST GROUPS OF STORE CONTROLLERS**
[54] **PARAMETRES DE CONFIGURATION GENERIQUES PARTAGES PARMI DES GROUPES DE CONTROLEURS DE MAGASIN**
[72] BRASSARD, JEAN-PAUL, CA
[71] PARKER-HANNIFIN CORPORATION, US
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[54] **POSITION-CONTROLLED ROBOTIC FLEET WITH VISUAL HANDSHAKES**
[54] **PARC ROBOTIQUE A REGLAGE DE POSITION ETABLISSANT DES LIAISONS VISUELLES**
[72] MASON, JULIAN, US
[72] KONOLIGE, KURT, US
[71] X DEVELOPMENT LLC, US
[85] 2017-05-10
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[54] **MACROCYCLIC PEPTIDES USEFUL AS IMMUNOMODULATORS**
[54] **PEPTIDES MACROCYCLIQUES UTILES COMME IMMUNOMOLDULATEURS**
[72] GILLMAN, KEVIN W., US
[72] GOODRICH, JASON, US
[72] BOY, KENNETH M., US
[72] ZHANG, YUNHUI, US
[72] MAPELLI, CLAUDIO, US
[72] POSS, MICHAEL A., US
[72] SUN, LI-QIANG, US
[72] ZHAO, QIAN, US
[72] MULL, ERIC, US
[72] GILLIS, ERIC P., US
[72] SCOLA, PAUL MICHAEL, US
[72] LANGLEY, DAVID R., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[30] US (62/111,388) 2015-02-03
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[25] EN
[54] **A METHOD OF LASER POLISHING A CONNECTORIZED OPTICAL FIBER AND A CONNECTORIZED OPTICAL FIBER FORMED IN ACCORDANCE THEREWITH**
[54] **PROCEDE DE POLISSAGE AU LASER D'UNE FIBRE OPTIQUE MUNIE DE CONNECTEURS, ET FIBRE OPTIQUE MUNIE DE CONNECTEURS FORMEE SELON CE PROCEDE**
[72] WOODWARD, RYAN H., US
[72] CHEN, YANG, US
[72] VALLANCE, ROBERT RYAN, US
[72] JAQUAY, ERIC, US
[71] NANOPRECISION PRODUCTS, INC., US
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[54] **BINDER COMPOSITIONS FOR MAKING CROSSLINKED CELLULOSE FIBER**
[54] **COMPOSITIONS DE LIANT POUR LA FABRICATION DE FIBRES DE CELLULOSE RETICULEES**
[72] RAND, CHARLES J., US
[72] FINCH, WILLIAM C., US
[72] RODOWSKI, C. DAMIEN, US
[72] WILLIAMS, DREW E., US
[71] ROHM AND HAAS COMPANY, US
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[86] 2015-11-20 (PCT/US2015/061807)
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[54] **COMPOSITION COMPRISING PARTICLES**
[54] **COMPOSITION COMPRENANT DES PARTICULES**
[72] CANN, KEVIN J., US
[72] MOORHOUSE, JOHN H., US
[72] KHOKHANI, PARUL A., US
[72] TAMARGO, TOMAS T., US
[72] GROSS, KEVIN R., US
[72] GOODE, MARK G., US
[71] UNIVATION TECHNOLOGIES, LLC, US
[85] 2017-05-10
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[30] US (62/083,517) 2014-11-24

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[25] EN
[54] **METHODS OF CONTROLLING POLYOLEFIN MELT INDEX WHILE INCREASING CATALYST PRODUCTIVITY**
[54] **PROCEDES DE COMMANDE DE L'INDICE DE FUSION DE POLYOLEFINE AVEC AUGMENTATION DE LA PRODUCTIVITE DE CATALYSEUR**
[72] SAVATSKY, BRUCE J., US
[72] MURUGANANDAM, NATARAJAN, US
[72] LYNN, TIMOTHY R., US
[72] FARLEY, JAMES M., US
[72] ZILKER, JR. DANIEL P., US
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[71] UNIVATION TECHNOLOGIES, LLC, US
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[54] **METHODS OF MONITORING AND CONTROLLING THE MELT INDEX OF A POLYOLEFIN PRODUCT DURING PRODUCTION**
[54] **PROCEDES DE CONTROLE ET DE COMMANDE DE L'INDICE DE FUSION D'UN PRODUIT DE POLYOLEFINE PENDANT LA PRODUCTION**
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[72] THOMAS, DANIEL N. JR., US
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[54] **DECODER FOR DECODING A MEDIA SIGNAL AND ENCODER FOR ENCODING SECONDARY MEDIA DATA COMPRISING METADATA OR CONTROL DATA FOR PRIMARY MEDIA DATA**
[54] **DECODEUR POUR DECODER UN SIGNAL MULTIMEDIA, ET ENCODEUR POUR ENCODER DES DONNEES MULTIMEDIAS SECONDAIRES COMPRENANT DES METADONNEES OU DES DONNEES DE COMMANDE ASSOCIEES A DES DONNEES MULTIMEDIAS PRIMAIRES**
[72] BLEIDT, ROBERT, US
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[72] KRAGELOH, STEFAN, DE
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[54] **AGENCEMENT DE COMMANDE**
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[71] UNIVERSITY OF PLYMOUTH, GB
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[54] **MODELES DE TISSU SIMULES ET PROCEDES**
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[72] BRESLIN, TRACY, US
[72] POULSEN, NIKOLAI, US
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[72] METKE, ANTHONY R., US
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[71] RAYTHEON COMPANY, US
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[54] **AMELIORATION DE LA DETECTION DE CANAL**
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[72] SHU, KODO, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **CONNEXION DE PLAQUE DE LIAISON DESTINEE A DES BARRES DE RENFORT MONOPOLAIRES**
[72] SEMAAN, ROBERT, US
[71] TOWER ENGINEERING SOLUTIONS, LLC, US
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[54] **BI-DIRECTIONAL COMMUNICATIONS ON AN ELECTRICAL SECONDARY NETWORKED DISTRIBUTION SYSTEM**
[54] **COMMUNICATIONS BIDIRECTIONNELLES SUR UN SYSTEME DE DISTRIBUTION EN RESEAU SECONDAIRE ELECTRIQUE**
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[71] DOMINION ENERGY TECHNOLOGIES, INC., US
[71] ASTROLINK INTERNATIONAL LLC, US
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[54] **BLOCS D'ALIMENTATION DE SECOURS A DECHARGE AUTOMATIQUE ET PROCEDES ASSOCIES**
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[72] SCHADE, ROSS ARTHUR, US
[72] POULSEN, CHRIS, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **PROCEDE INTEGRE DE GERMINATION ET DISPOSITIF**
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[71] GEORGIA TECH RESEARCH CORPORATION, US
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[54] **SYSTEMS AND METHODS FOR MALICIOUS CODE DETECTION**
[54] **SYSTEMES ET PROCEDES DE DETECTION DE CODE MALVEILLANT**
[72] KATMOR, ROY, IL
[72] BITTON, TOMER, IL
[72] YAVO, UDI, IL
[72] KELSON, IDO, IL
[71] ENSILO LTD., IL
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[54] **BALAYAGE DE FAISCEAU EFFICACE POUR DES RESEAUX SANS FIL HAUTE FREQUENCE**
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[72] AXNAS, JOHAN, SE
[72] BALDEMAIR, ROBERT, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **SYSTEMS AND METHODS FOR MALICIOUS CODE DETECTION ACCURACY ASSURANCE**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'ASSURER LA PRECISION DE DETECTION DE CODE MALVEILLANT**
[72] KATMOR, ROY, IL
[72] BITTON, TOMER, IL
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[54] **NOEUD DE RESEAU INCOLORE, SANS DIRECTION ET SANS CONFLIT**
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[71] NISTICA, INC., US
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[54] **BI-AND TRI-LAYER INTERFACIAL LAYERS IN PEROVSKITE MATERIAL DEVICES**
[54] **COUCHES INTERFACIALES A DEUX ET TROIS COUCHES DANS DES DISPOSITIFS A MATERIAUX PEROVSKITES**
[72] IRWIN, MICHAEL D., US
[72] CHUTE, JERRED A., US
[72] DHAS, VIVEK V., US
[71] HUNT ENERGY ENTERPRISES, L.L.C., US
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[54] **SYSTEME D'AUGMENTATION D'APPELS DE TELECOMMUNICATIONS**
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[72] NYMAN, JOSHUA, GB
[71] INCALL LIMITED, GB
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[54] **CABLE D'ALIMENTATION ELECTRIQUE**
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[72] GUAN, ZHENG, CN
[72] CAI, CHONGRUI, CN
[72] WANG, TIANDE, CN
[72] WANG, YAMING, CN
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[54] **SYSTEMES ET PROCEDES DE PROGRAMMATION DE MANIERE ADRESSABLE D'UN DISPOSITIF DE SECURITE DE NOTIFICATION**
[72] RUSZALA, DARIUSZ, US
[71] SIEMENS INDUSTRY, INC., US
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[54] **CAPTURE D'INTENTION D'UTILISATEUR LORS D'UNE INTERACTION AVEC UNE PLURALITE DE COMMANDES D'ACCES**
[72] KUENZI, ADAM, US
[72] LANG, MICHAEL, US
[71] CARRIER CORPORATION, US
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[54] **COMMUNICATION METHOD AND SYSTEM THAT USES LOW LATENCY/LOW DATA BANDWIDTH AND HIGH LATENCY/HIGH DATA BANDWIDTH PATHWAYS**
[54] **PROCEDE ET SYSTEME DE COMMUNICATION QUI UTILISENT DES VOIES A FAIBLE LATENCE/LARGE BANDE PASSANTE ET A FORTE LATENCE/LARGE BANDE PASSANTE**
[72] BABICH, KEVIN, US
[71] SKYWAVE NETWORKS, LLC, US
[85] 2017-05-19
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[54] **SYSTEME DE COMMANDE D'ACCES AVEC DES DONNEES DE CARTE VIRTUELLE**
[72] KUENZI, ADAM, US
[72] HARKEMA, JONAH J., US
[71] CARRIER CORPORATION, US
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[54] **REMOTE PROGRAMMING FOR ACCESS CONTROL SYSTEM WITH VIRTUAL CARD DATA**
[54] **PROGRAMMATION A DISTANCE POUR UN SYSTEME DE CONTROLE D'ACCES AVEC DES DONNEES DE CARTE VIRTUELLE**
[72] KUENZI, ADAM, US
[71] CARRIER CORPORATION, US
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[25] EN
[54] **CARBONIC ANHYDRASE IX SPECIFIC CHIMERIC ANTIGEN RECEPTORS AND METHODS OF USE THEREOF**
[54] **RECEPTEURS ANTIGENIQUES CHIMERIQUES SPECIFIQUES DE L'ANHYDRASE CARBONIQUE IX ET LEURS PROCEDES D'UTILISATION**
[72] MARASCO, WAYNE A., US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
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[54] **ACCESS CONTROL SYSTEM WITH AUTOMATIC MOBILE CREDENTIALING SERVICE HAND-OFF**
[54] **SYSTEME DE CONTROLE D'ACCES A TRANSFERT DE SERVICE D'ACCREDITATION MOBILE AUTOMATIQUE**
[72] KUENZI, ADAM, US
[72] HARKEMA, JONAH J., US
[71] CARRIER CORPORATION, US
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[72] SOULEZ, THOMAS GILLES MICHEL, GB
[72] MUSURUANA, ENRICO, GB
[72] COOK, PAUL HARRY, GB
[72] NADALIN, ERIC, GB
[71] NEXMO, INC., US
[85] 2017-05-23
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[54] **ANTENNES DE FENETRE**
[72] HUGHES, HAROLD, US
[72] BROWN, STEPHEN C., US
[72] SHRIVASTAVA, DHAIRYA, US
[71] VIEW, INC., US
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[54] **SYSTEME D'APPLICATION DE REVETEMENT DE VOITURE DE CHEMIN DE FER A GRANDE VITESSE**
[72] CURILLA, DARRELL, CA
[71] MCRL, LLC, US
[71] CURILLA, DARRELL, CA
[85] 2017-05-24
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[54] **LASER A CASCADE QUANTIQUE A COUCHES DE BLOCAGE DU COURANT**
[72] BISMUTO, ALFREDO, CH
[72] FAIST, JEROME, CH
[72] GINI, EMILIO, CH
[72] HINKOV, BORISLAV, CH
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[54] **SYSTEMES ET PROCEDES DE TRANSPARENCE D'ADRESSE IP DE SOURCE**
[72] PETRONIC, MARK, US
[72] SANTOSH, VARUN, US
[71] HUGHES NETWORK SYSTEMS, LLC, US
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR PROVIDING RESISTANCE TO GLUFOSINATE**
[54] **PROCEDES ET COMPOSITIONS DESTINES A CONFERER UNE RESISTANCE AU GLUFOSINATE**
[72] BEILINSON, VADIM, US
[72] HENRIKSEN, JAMES R., US
[72] JONES, JANICE C., US
[72] KELLY, REBEKAH DETER, US
[72] SHEKITA, AMY, US
[71] AGBIOME, INC., US
[85] 2017-05-25
[86] 2015-12-18 (PCT/US2015/066648)
[87] (WO2016/100804)
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[30] US (62/094,782) 2014-12-19
[30] US (62/189,505) 2015-07-07

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[51] **Int.Cl. H01S 5/34 (2006.01) H01S 5/022 (2006.01) H01S 5/22 (2006.01) H01S 5/227 (2006.01)**
[25] EN
[54] **QUANTUM CASCADE LASER OPTIMIZED FOR EPITAXIAL SIDE-DOWN MOUNTING**
[54] **LASER A CASCADE QUANTIQUE OPTIMISE POUR UN MONTAGE TETE-BECHE SUR L'EMBASE**
[72] MAULINI, RICHARD, CH
[72] BISMUTO, ALFREDO, CH
[72] GRESCH, TOBIAS, CH
[72] MULLER, ANTOINE, CH
[71] ALPES LASERS SA, CH
[85] 2017-05-26
[86] 2014-12-19 (PCT/IB2014/002852)
[87] (WO2016/097780)

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[51] **Int.Cl. H04L 9/32 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **COMPUTER READABLE STORAGE MEDIA FOR LEGACY INTEGRATION AND METHODS AND SYSTEMS FOR UTILIZING SAME**
[54] **SUPPORTS DE STOCKAGE LISIBLES PAR ORDINATEUR POUR INTEGRATION D'ELEMENTS HERITES, ET PROCEDES ET SYSTEMES D'UTILISATION ASSOCIES**
[72] KATIEB, RALPH, US
[71] DOCUMENT STORAGE SYSTEMS, INC., US
[85] 2017-05-26
[86] 2015-12-17 (PCT/US2015/066287)
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[30] US (14/580,604) 2014-12-23

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[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) C12N 5/10 (2006.01) C12N 15/09 (2006.01) C12N 15/11 (2006.01) C12N 15/29 (2006.01) C12N 15/31 (2006.01) C12N 15/55 (2006.01) C12N 15/90 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR IDENTIFYING AND ENRICHING FOR CELLS COMPRISING SITE SPECIFIC GENOMIC MODIFICATIONS**
[54] **PROCEDES ET COMPOSITIONS D'IDENTIFICATION ET D'ENRICHISSEMENT POUR DES CELLULES CONTENANT DES MODIFICATIONS GENOMIQUES SPECIFIQUES A UN SITE**
[72] CHEN, ZHONGYING, US
[72] KIM, MYOUNG, US
[72] ZHONG, HENG, US
[72] GU, WEINING, US
[72] JIANG, YAPING, US
[72] QUE, QIUDENG, US
[72] CHILTON, MARY-DELL, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2017-05-26
[86] 2015-12-18 (PCT/US2015/066619)
[87] (WO2016/106121)
[30] US (62/096,442) 2014-12-23

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[25] EN
[54] **SYSTEMS, METHODS, AND COMPOSITIONS RELATED TO USING NON-LIVE-BACTERIA PREPARATIONS TO PROMOTE SAFETY AND PRESERVATION**
[54] **SYSTEMES, METHODES ET COMPOSITIONS ASSOCIES A L'UTILISATION DE PREPARATIONS DE BACTERIES NON VIVANTES POUR PROMOUVOIR LA SECURITE ET LA PRESERVATION**
[72] SMITTLE, RICHARD BAIRD, US
[72] PHELPS, JOHN BOYD, US
[72] SUNVOLD, GREGORY DEAN, US
[72] HOMMEYER, JOHN A., US
[71] SMITTLE, RICHARD BAIRD, US
[71] PHELPS, JOHN BOYD, US
[71] SUNVOLD, GREGORY DEAN, US
[71] HOMMEYER, JOHN A., US
[71] MICRO-NATURE LLC, US
[85] 2017-06-02
[86] 2016-02-12 (PCT/US2015/063842)
[87] (2969258)

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[13] A1
[51] **Int.Cl. C12M 1/34 (2006.01) C12M 1/00 (2006.01) C12M 1/12 (2006.01) C12N 1/14 (2006.01) C12Q 1/04 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR DETECTING PLANT PATHOGENS**
[54] **DISPOSITIF ET PROCEDE DE DETECTION D'AGENTS PATHOGENES DE PLANTES**
[72] DE MANZANOS GUINOT, ANGELA, GB
[72] O'DONNELLY WEAVER, KERRY, GB
[71] FUNGIALERT LIMITED, GB
[85] 2017-05-30
[86] 2015-12-16 (PCT/GB2015/054036)
[87] (WO2016/097726)
[30] GB (1422390.3) 2014-12-16

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[13] A1
[51] **Int.Cl. C12N 15/29 (2006.01) A23K 10/30 (2016.01) A23L 25/00 (2016.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **FINE MAPPING AND VALIDATION OF QTL UNDERLYING FIBER CONTENT AND SEED COAT COLOR TRAITS AND IDENTIFICATION OF SNP MARKERS FOR MARKER ASSISTED SELECTION OF THESE TRAITS DERIVED FROMYELLOW SEED COAT (YSC) CANOLA LINE YN01-429 AND ITS LINEAGE**
[54] **MAPPAGE FIN ET VALIDATION DE QTL SOUS-TENDANT LA TENEUR EN FIBRES ET LES CARACTERES DE COLORATION DU TEGUMENT D'UNE GRAINE ET IDENTIFICATION DE MARQUEURS DE POLYMORPHISME NUCLEOTIDIQUE SIMPLE (SNP) POUR UNE SELECTION ASSISTEE PAR MARQUEURS DE CES CARACTERES DERIVES DE LA LIGNEE DE COLZA A TEGUMENT JAUNE (YSC) YN01-429 ET SA LIGNEE**
[72] TANG, SHUNXUE, US
[72] RIPLEY, VAN, CA
[72] PATTERSON, TOM G., US
[72] WIGGINS, MICHELLE, US
[72] FLOOK, JOSH, US
[72] OCHSENFELD, CHERIE, US
[72] GARCIA, DANIEL, US
[72] RIZVI, SYED MASOOD, CA
[72] TAHIR, MUHAMMAD, CA
[72] PREUSS, RYAN, US
[72] KNIEVEL, DONNA, CA
[72] ROUNSLEY, STEVE, US
[72] EHLERT, ZOE, CA
[72] PARLIAMENT, KELLY, US
[71] DOW AGROSCIENCES LLC, US
[85] 2017-06-01
[86] 2015-12-18 (PCT/US2015/066813)
[87] (WO2016/100883)
[30] US (62/093,963) 2014-12-18

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[13] A1
[51] **Int.Cl. B60T 17/00 (2006.01) B01D 53/26 (2006.01)**
[25] EN
[54] **AIR DRYER SYSTEM FOR A LOCOMOTIVE WITH OPTIMIZED PURGE AIR CONTROL**
[54] **SYSTEME DE DESSICCATEUR D'AIR POUR UNE LOCOMOTIVE AVEC COMMANDE D'AIR DE PURGE OPTIMISEE**
[72] WRIGHT, ERIC C., US
[71] NEW YORK AIR BRAKE LLC, US
[85] 2017-06-02
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[51] **Int.Cl. C12P 7/46 (2006.01) C12N 1/14 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF MALATE**
[54] **PROCEDE DE PRODUCTION DE MALATE**
[72] BLANK, LARS M., DE
[72] WIERCKX, NICK, NL
[72] ZAMBANINI, THIEMO, DE
[72] SARIKAYA, EDA, DE
[72] BUSCHER, JOERG, DE
[72] MEURER, GUIDO, DE
[71] B.R.A.I.N. AKTIENGESELLSCHAFT BIOTECHNOLOGY RESEARCH AND INFORMATION NETWORK AG, DE
[85] 2017-06-05
[86] 2015-12-21 (PCT/IB2015/059817)
[87] (WO2016/103140)
[30] EP (14200111.4) 2014-12-23
[30] EP (15167802.6) 2015-05-15

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[13] A1
[51] **Int.Cl. A23L 7/10 (2016.01) A23L 7/117 (2016.01) A21D 13/066 (2017.01) A21D 13/42 (2017.01) A21D 13/00 (2017.01)**
[25] EN
[54] **WATER AND ENERGY SAVING PROCESS FOR MAKING WHOLE WHEAT AND WHOLE GLUTEN-FREE GRAIN FLOUR**
[54] **PROCEDE D'ECONOMIE D'EAU ET D'ENERGIE POUR FABRIQUER DE LA FARINE DE BLE ENTIER ET DE GRAINS ENTIERS SANS GLUTEN**
[72] RUBIO, FELIPE A., US
[72] RUBIO, MANUEL J., US
[72] CONTRERAS M., ROBERTO, MX
[72] RUBIO, FELIPE A., US
[71] INVESTIGACION TECNICA AVANZADA S.A. DE C.V., MX
[71] RUBIO, FELIPE A., US
[85] 2017-06-07
[86] 2014-12-19 (PCT/US2014/071584)
[87] (WO2016/099557)

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[51] **Int.Cl. C12N 15/82 (2006.01) C12N 15/113 (2010.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) C07K 14/415 (2006.01) C12N 5/10 (2006.01) C12N 15/29 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **MODULATION OF YEP6 GENE EXPRESSION TO INCREASE YIELD AND OTHER RELATED TRAITS IN PLANTS**
[54] **MODULATION DE L'EXPRESSION DU GENE YEP6 PERMETTANT DE RENFORCER LE RENDEMENT ET D'AUTRES CARACTERES ASSOCIES CHEZ LES PLANTES**
[72] FENGLER, KEVIN, US
[72] GUPTA, RAJEEV, US
[72] LI, BAILIN, US
[72] MOOSE, STEPHEN P., US
[72] WEERS, BENJAMIN, US
[72] ZHOU, WENGANG, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[71] UNIVERSITY OF ILLINOIS/URBANA, US
[85] 2017-06-07
[86] 2015-12-03 (PCT/US2015/063639)
[87] (WO2016/099918)
[30] US (62/092,933) 2014-12-17

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[51] **Int.Cl. C12M 1/42 (2006.01) B01D 43/00 (2006.01) C12M 1/00 (2006.01) C12M 3/00 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **ACOUSTIC PERFUSION DEVICES**
[54] **DISPOSITIFS ACOUSTIQUES DE PERFUSION**
[72] LIPKENS, BART, US
[72] MILLER, ERIK, US
[72] ROSS-JOHNSRUD, BENJAMIN, US
[72] PRESZ, WALTER M., JR., US
[72] CHITALE, KEDAR, US
[72] KENNEDY, THOMAS J. III, US
[71] FLODESIGN SONICS, INC., US
[85] 2017-06-07
[86] 2015-12-18 (PCT/US2015/066884)
[87] (WO2016/100923)
[30] US (62/093,491) 2014-12-18
[30] US (62/211,057) 2015-08-28
[30] US (62/243,211) 2015-10-19
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[13] A1
[51] **Int.Cl. G01S 7/02 (2006.01) G01S 5/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD TO PROVIDE A DYNAMIC SITUATIONAL AWARENESS OF ATTACK RADAR THREATS**
[54] **SYSTEME ET PROCEDE POUR FOURNIR UNE PRISE DE CONSCIENCE DE SITUATION DYNAMIQUE DE MENACES DE RADARS D'ATTAQUE**
[72] TSUNODA, STANLEY T., US
[71] RAYTHEON COMPANY, US
[85] 2017-06-08
[86] 2015-08-13 (PCT/US2015/045050)
[87] (WO2016/093899)
[30] US (14/566,830) 2014-12-11

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[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A01N 63/02 (2006.01) A01P 7/04 (2006.01) C07H 21/02 (2006.01) C12N 15/31 (2006.01) C12N 15/32 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PARENTAL RNAI SUPPRESSION OF CHROMATIN REMODELING GENES TO CONTROL HEMIPTERAN PESTS**
[54] **SUPPRESSION D'INTERFERENCE ARN PARENTALE DE GENES DE REMODELAGE DE LA CHROMATINE POUR LUTTER CONTRE DES HEMIPTERES NUISIBLES**
[72] SIEGFRIED, BLAIR, US
[72] NARVA, KENNETH E., US
[72] ARORA, KANIKA, US
[72] WORDEN, SARAH E., US
[72] KHAJURIA, CHITVAN, US
[72] FISHILEVICH, ELANE, US
[72] STORER, NICHOLAS P., US
[72] FREY, MEGHAN, US
[72] HAMM, RONDA, US
[72] VELEZ ARANGO, ANA MARIA, US
[71] DOW AGROSCIENCES LLC, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US
[85] 2017-03-09
[86] 2015-12-16 (PCT/US2015/066082)
[87] (WO2016/100507)
[30] US (62/092,747) 2014-12-16

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[13] A1
[51] **Int.Cl. G02B 5/26 (2006.01) G01J 3/02 (2006.01) G02B 17/00 (2006.01)**
[25] FR
[54] **OPTICAL FILTERING DEVICE FOR DETECTING GAS**
[54] **DISPOSITIF DE FILTRAGE OPTIQUE POUR LA DETECTION DE GAZ**
[72] MORIN, NATHALIE, FR
[72] BERNASCOLLE, PHILIPPE, FR
[72] FERVEL, FRANCK, FR
[72] DRUART, GUILLAUME, FR
[71] BERTIN TECHNOLOGIES, FR
[85] 2017-06-08
[86] 2015-12-11 (PCT/FR2015/053456)
[87] (WO2016/092236)
[30] FR (1462391) 2014-12-12

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[13] A1
[51] **Int.Cl. G05D 19/02 (2006.01) G01H 17/00 (2006.01) G01N 9/00 (2006.01) G01N 11/10 (2006.01)**
[25] EN
[54] **CONTROLLING A VIBRATION OF A VIBRATORY SENSOR BASED ON A PHASE ERROR**
[54] **REGLAGE D'UNE VIBRATION D'UN CAPTEUR VIBRANT SUR LA BASE D'UNE ERREUR DE PHASE**
[72] KRAVITZ, ANDREW S., US
[72] MCANALLY, CRAIG B., US
[71] MICRO MOTION, INC., US
[85] 2017-06-09
[86] 2015-07-09 (PCT/US2015/039761)
[87] (WO2016/099603)
[30] US (62/094,217) 2014-12-19

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[13] A1
[51] **Int.Cl. G01F 15/10 (2006.01) F16L 55/10 (2006.01)**
[25] EN
[54] **MULTI-DOUBLE BLOCK AND BLEED SYSTEM FOR AN ORIFICE FITTING**
[54] **SYSTEME A MULTIPLES DOUBLES FERMETURES ET PURGES POUR UN RACCORD D'ORIFICE**
[72] LOGA, THOMAS HENRY, US
[72] STOKES, JON, US
[72] SYRNYK, PETER, US
[72] CARTER, ANTHONY E., US
[72] SCHWARZ, DARREN, US
[72] SZUCS, FERENC, US
[72] BLANKENSHIP, JERRY, US
[71] DANIEL MEASUREMENT AND CONTROL, INC., US
[85] 2017-06-09
[86] 2015-12-09 (PCT/US2015/064726)
[87] (WO2016/094524)
[30] US (62/091,122) 2014-12-12

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[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A01N 63/02 (2006.01) A01P 7/04 (2006.01) C07H 21/02 (2006.01) C12N 15/32 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PARENTAL RNAI SUPPRESSION OF HUNCHBACK GENE TO CONTROL COLEOPTERAN PESTS**
[54] **SUPPRESSION DE L'INTERFERENCE D'ARN PARENTAL DU GENE HUNCHBACK POUR LUTTER CONTRE LES COLEOPTERES NUISIBLES**
[72] SIEGFRIED, BLAIR, US
[72] NARVA, KENNETH E., US
[72] ARORA, KANIKA, US
[72] WORDEN, SARAH E., US
[72] KHAJURIA, CHITVAN, US
[72] FISHILEVICH, ELANE, US
[72] STORER, NICHOLAS P., US
[72] FREY, MEGHAN, US
[72] HAMM, RONDA, US
[72] VELEZ ARANGO, ANA MARIA, US
[71] DOW AGROSCIENCES LLC, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US
[85] 2017-06-09
[86] 2015-12-16 (PCT/US2015/066101)
[87] (WO2016/100517)
[30] US (62/092,772) 2014-12-16
[30] US (62/170,079) 2015-06-02

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[13] A1
[51] **Int.Cl. G01B 11/02 (2006.01) B31B 50/00 (2017.01)**
[25] FR
[54] **DISPOSITIF ET PROCEDE DE CONTROLE DE LA QUALITE DE BOITES PLIABLES ET INSTALLATION DE FABRICATION COMPRENANT UN TEL DISPOSITIF DE CONTROLE**
[54] **CHECKING DEVICE AND METHOD FOR CHECKING THE QUALITY OF FOLDABLE BOXES, AND MANUFACTURING INSTALLATION COMPRISING THIS CHECKING DEVICE**
[72] AMOROS, ROBERT, FR
[72] ROSSET, BENOIT, FR
[71] BOBST LYON, FR
[85] 2017-06-12
[86] 2015-12-17 (PCT/EP2015/025107)
[87] (WO2016/096157)
[30] FR (1462881) 2014-12-19

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[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C07H 21/02 (2006.01) C12N 5/10 (2006.01) C12N 15/31 (2006.01) C12N 15/32 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PARENTAL RNAI SUPPRESSION OF KRUPPEL GENE TO CONTROL COLEOPTERAN PESTS**
[54] **SUPPRESSION DE L'INTERFERENCE ARN PARENTALE DU GENE KRUPPEL POUR LUTTER CONTRE DES COLEOPTERES NUISIBLES**
[72] SIEGFRIED, BLAIR, US
[72] NARVA, KENNETH E., US
[72] ARORA, KANIKA, US
[72] WORDEN, SARAH E., US
[72] KHAJURIA, CHITVAN, US
[72] FISHILEVICH, ELANE, US
[72] STORER, NICHOLAS P., US
[72] FREY, MEGHAN, US
[72] HAMM, RONDA, US
[72] VELEZ ARANGO, ANA MARIE, US
[71] DOW AGROSCIENCES LLC, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US
[85] 2017-06-09
[86] 2015-12-16 (PCT/US2015/066010)
[87] (WO2016/100458)
[30] US (62/092,781) 2014-12-16

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[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A01N 63/02 (2006.01) A01P 7/04 (2006.01) C07H 21/02 (2006.01) C12N 5/10 (2006.01) C12N 15/32 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PARENTAL RNAI SUPPRESSION OF KRUPPEL GENE TO CONTROL HEMIPTERAN PESTS**
[54] **SUPPRESSION DE L'INTERFERENCE ARN PARENTALE DU GENE KRUPPEL POUR LUTTER CONTRE LES HEMIPTERES NUISIBLES**
[72] SIEGFRIED, BLAIR, US
[72] NARVA, KENNETH E., US
[72] ARORA, KANIKA, US
[72] WORDEN, SARAH E., US
[72] KHAJURIA, CHITVAN, US
[72] FISHILEVICH, ELANE, US
[72] STORER, NICHOLAS P., US
[72] FREY, MEGHAN, US
[72] HAMM, RONDA, US
[72] VELEZ ARANGO, ANA MARIA, US
[71] DOW AGROSCIENCES LLC, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US
[85] 2017-06-09
[86] 2015-12-16 (PCT/US2015/066034)
[87] (WO2016/100473)
[30] US (62/092,784) 2014-12-16

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[13] A1
[51] **Int.Cl. A23L 7/10 (2016.01) A23L 7/117 (2016.01) A21D 13/066 (2017.01) A21D 13/42 (2017.01) A21D 13/04 (2017.01)**
[25] EN
[54] **WATER AND ENERGY SAVING PROCESS FOR MAKING WHOLE WHEAT AND WHOLE GLUTEN-FREE GRAIN FLOUR**
[54] **PROCEDE D'ECONOMIE D'EAU ET D'ENERGIE POUR FABRIQUER DU BLE COMPLET ET DE LA FARINE DE CEREALES COMPLETES SANS GLUTEN**
[72] RUBIO, FELIPE A., US
[72] RUBIO, MANUEL J., US
[72] CONTRERAS M., ROBERTO, MX
[71] INVESTIGACION TECNICA AVANZADA S.A. DE C.V., MX
[71] RUBIO, FELIPE A., US
[85] 2017-06-12
[86] 2014-12-19 (PCT/US2014/071553)
[87] (WO2016/099554)

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[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A01N 63/02 (2006.01) A01P 7/04 (2006.01) C07H 21/02 (2006.01) C12N 15/31 (2006.01) C12N 15/32 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PARENTAL RNAI SUPPRESSION OF HUNCHBACK GENE TO CONTROL HEMIPTERAN PESTS**
[54] **SUPPRESSION DE L'INTERFERENCE ARN PARENTALE DU GENE HUNCHBACK POUR LA LUTTE CONTRE LES HEMIPTERES NUISIBLES**
[72] SIEGFRIED, BLAIR, US
[72] NARVA, KENNETH E., US
[72] ARORA, KANIKA, US
[72] WORDEN, SARAH E., US
[72] KHAJURIA, CHITVAN, US
[72] FISHILEVICH, ELANE, US
[72] STORER, NICHOLAS P., US
[72] FREY, MEGHAN, US
[72] HAMM, RONDA, US
[72] VELEZ ARANGO, ANA MARIA, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US
[71] DOW AGROSCIENCES LLC, US
[85] 2017-06-12
[86] 2015-12-16 (PCT/US2015/066057)
[87] (WO2016/100490)
[30] US (62/092,776) 2014-12-16

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[13] A1
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[25] EN
[54] **PARENTAL RNAI SUPPRESSION OF CHROMATIN REMODELING GENES TO CONTROL COLEOPTERAN PESTS**
[54] **SUPPRESSION DE L'INTERFERENCE ARN PARENTALE DE GENES DE REMODELAGE DE LA CHROMATINE POUR LUTTER CONTRE LES COLEOPTERES NUISIBLES**
[72] NARVA, KENNETH E., US
[72] ARORA, KANIKA, US
[72] WORDEN, SARAH E., US
[72] SIEGFRIED, BLAIR, US
[72] KHAJURIA, CHITVAN, US
[72] FISHILEVICH, ELANE, US
[72] STORER, NICHOLAS P., US
[72] FREY, MEGHAN, US
[72] HAMM, RONDA, US
[72] VELEZ ARANGO, ANA MARIA, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US
[71] DOW AGROSCIENCES LLC, US
[85] 2017-06-12
[86] 2015-12-16 (PCT/US2015/066134)
[87] (WO2016/100536)
[30] US (62/092,768) 2014-12-16
[30] US (62/170,076) 2015-06-02

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[13] A1
[51] **Int.Cl. C12N 5/075 (2010.01) C12N 5/071 (2010.01) C12N 5/02 (2006.01)**
[25] EN
[54] **IN VITRO MATURATION OF A MAMMALIAN CUMULUS OOCYTE COMPLEX**
[54] **MATURATION IN VITRO D'UN COMPLEXE OVOCYTE-CUMULUS DE MAMMIFERE**
[72] ROMERO, SERGIO, BE
[72] SANCHEZ, FLOR, BE
[72] SMITZ, JOHAN, BE
[71] VRIJE UNIVERSITEIT BRUSSEL, BE
[85] 2017-06-13
[86] 2015-12-21 (PCT/BE2015/000068)
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[30] EP (14199324.6) 2014-12-19

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[51] **Int.Cl. A23L 5/44 (2016.01) A23L 5/42 (2016.01) A23L 33/10 (2016.01) A23L 33/105 (2016.01) A23L 2/52 (2006.01) A23L 2/58 (2006.01)**
[25] EN
[54] **LYCOPENE COMPOSITION HAVING IMPROVED COLORANT PROPERTIES**
[54] **COMPOSITION DE LYCOPENE AYANT DES PROPRIETES COLORANTES AMELIOREES**
[72] SEDLOV, TANYA, IL
[72] ATLASMAN, TATYANA, IL
[72] ZELKHA, MORRIS, IL
[71] LYCORED LTD., IL
[85] 2017-06-13
[86] 2015-12-14 (PCT/IL2015/051212)
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[30] US (62/092,431) 2014-12-16

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[25] EN
[54] **METHOD AND APPARATUS FOR MAKING CO-EXTRUDED FOOD PRODUCT**
[54] **PROCEDE ET APPAREIL DE FABRICATION D'UN PRODUIT ALIMENTAIRE CO-EXTRUDE**
[72] STENVIK, RALPH A., US
[71] GENERAL MILLS, INC., US
[85] 2017-06-13
[86] 2015-12-10 (PCT/US2015/065034)
[87] (WO2016/100092)
[30] US (14/575,686) 2014-12-18

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[51] **Int.Cl. G01L 7/08 (2006.01) G01D 5/06 (2006.01)**
[25] EN
[54] **A SENSOR DEVICE, IN PARTICULAR A PRESSURE SENSOR**
[54] **DISPOSITIF CAPTEUR, EN PARTICULIER CAPTEUR DE PRESSION**
[72] GADINI, COSTANZO, IT
[72] BIGLIATI, MARCO, IT
[71] ELTEK S.P.A., IT
[85] 2017-06-13
[86] 2015-12-22 (PCT/IB2015/059869)
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[30] IT (TO2014A001091) 2014-12-23

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[25] EN
[54] **STEVIOL GLYCOSIDE COMPOUNDS, COMPOSITIONS FOR ORAL INGESTION OR USE, AND METHOD FOR ENHANCING STEVIOL GLYCOSIDE SOLUBILITY**
[54] **COMPOSES DE GLYCOSIDE DE STEVIOL, COMPOSITIONS POUR L'INGESTION PAR VOIE ORALE OU UTILISATION, ET PROCEDE PERMETTANT D'AMELIORER LA SOLUBILITE DU GLYCOSIDE DE STEVIOL**
[72] CARLSON, TING LIU, US
[72] GASPARD, DAN, US
[71] CARGILL, INCORPORATED, US
[85] 2017-06-13
[86] 2015-12-17 (PCT/US2015/066419)
[87] (WO2016/100689)
[30] US (62/093,213) 2014-12-17

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[25] EN
[54] **LIGAND-MODIFIED DOUBLE-STRANDED NUCLEIC ACIDS**
[54] **ACIDES NUCLEIQUES DOUBLE BRIN MODIFIES PAR UN LIGAND**
[72] BROWN, BOB DALE, US
[72] WANG, WEIMIN, US
[71] DICERNA PHARMACEUTICALS, INC., US
[85] 2017-06-13
[86] 2015-12-15 (PCT/US2015/065906)
[87] (WO2016/100401)
[30] US (62/092,241) 2014-12-15
[30] US (62/092,238) 2014-12-15
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[51] **Int.Cl. G01C 22/00 (2006.01) G01C 21/00 (2006.01) G05D 1/02 (2006.01)**
[25] EN
[54] **LOCALISING PORTABLE APPARATUS**
[54] **LOCALISATION D'UN APPAREIL PORTABLE**
[72] CHURCHILL, WINSTON SAMUEL, GB
[72] NEWMAN, PAUL MICHAEL, GB
[72] LINEGAR, CHRISTOPHER JAMES, GB
[71] THE CHANCELLOR MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD, GB
[85] 2017-06-14
[86] 2015-12-04 (PCT/GB2015/053723)
[87] (WO2016/097690)
[30] GB (1422262.4) 2014-12-15

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[25] EN
[54] **OIL RECOVERY AID**
[54] **AIDE POUR LA RECUPERATION D'HUILE**
[72] MURPHY, CHRISTOPHER B., US
[72] FOWLIE, DAVID A., US
[71] POLYMER VENTURES INC., US
[71] PHIBRO ANIMAL HEALTH CORPORATION, US
[85] 2017-06-14
[86] 2015-12-15 (PCT/US2015/065743)
[87] (WO2016/100298)
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[51] **Int.Cl. C12N 5/0735 (2010.01) C12N 5/071 (2010.01)**
[25] EN
[54] **SUSPENSION CULTURING OF PLURIPOTENT STEM CELLS**
[54] **CULTURE EN SUSPENSION DE CELLULES SOUCHES PLURIPOTENTES**
[72] FRYERS, BENJAMIN, US
[72] LANIAUSKAS, DAINA, US
[71] JANSSEN BIOTECH, INC., US
[85] 2017-06-14
[86] 2015-12-09 (PCT/US2015/064713)
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[30] US (62/094,509) 2014-12-19

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/00 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **DUAL QUENCHING ASSAY FOR MULTIPLEX DETECTION OF TARGET NUCLEIC ACIDS**
[54] **DOSAGE PAR DOUBLE EXTINCTION POUR LA DETECTION MULTIPLEXE D'ACIDES NUCLEIQUES CIBLES**
[72] SCHNEIDER, UFFE VEST, DK
[72] ECHWALD, SOREN MORGENTHALER, DK
[72] MIKKELSEN, NIKOLAJ DAM, DK
[71] ANAPA BIOTECH A/S, DK
[85] 2017-06-15
[86] 2015-12-22 (PCT/DK2015/050412)
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[30] DK (PA 2014 70813) 2014-12-22

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/00 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **EXPONENTIAL BASE-GREATER-THAN-2 NUCLEIC ACID AMPLIFICATION**
[54] **AMPLIFICATION D'ACIDES NUCLEIQUES SUPERIEURE A 2 SUR UNE BASE EXPONENTIELLE**
[72] HIGUCHI, RUSSELL, US
[71] CEPHEID, US
[85] 2017-06-14
[86] 2015-12-15 (PCT/US2015/065890)
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[30] US (62/092,102) 2014-12-15

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[13] A1
[51] **Int.Cl. E05D 7/10 (2006.01) H01H 71/02 (2006.01) B65D 43/16 (2006.01) H02B 1/38 (2006.01)**
[25] EN
[54] **BREAK AWAY DOOR, TRIP UNIT AND CIRCUIT BREAKER ASSEMBLY INCLUDING SAME**
[54] **PORTE DE RUPTURE, UNITE DE DECLENCHEUR ET ENSEMBLE DISJONCTEUR LES CONTENANT**
[72] WHITAKER, THOMAS A., US
[72] BASTA, JASON E., US
[72] COLLAZO, DOEL J., US
[72] RAKUS, PAUL R., US
[71] EATON CORPORATION, US
[85] 2017-06-15
[86] 2015-10-21 (PCT/US2015/056552)
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[30] US (14/577,376) 2014-12-19

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[13] A1
[51] **Int.Cl. E04B 1/41 (2006.01) E04B 1/76 (2006.01)**
[25] EN
[54] **THERMALLY BROKEN ANCHOR AND ASSEMBLY INCLUDING THE SAME**
[54] **ANCRAGE A BARRIERE THERMIQUE ET ENSEMBLE COMPRENANT CELUI-CI**
[72] CARBARY, LAWRENCE DONALD, US
[72] JENSEN, JARY D., US
[71] DOW CORNING CORPORATION, US
[85] 2017-06-15
[86] 2015-12-16 (PCT/US2015/066097)
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[30] US (62/093,032) 2014-12-17

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[51] **Int.Cl. C12N 5/07 (2010.01) A61K 48/00 (2006.01) A61K 49/00 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01) C07K 14/435 (2006.01) C12N 5/10 (2006.01) C12N 15/12 (2006.01) C12N 15/87 (2006.01)**
[25] EN
[54] **TRANSDUCTION**
[54] **TRANSDUCTION**
[72] DIXON, JAMES, GB
[72] SHAKESHEFF, KEVIN, GB
[72] DENNING, CHRIS, GB
[71] THE UNIVERSITY OF NOTTINGHAM, GB
[85] 2017-06-16
[86] 2014-12-18 (PCT/GB2014/053764)
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[30] GB (1322396.1) 2013-12-18

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[51] **Int.Cl. F02C 7/00 (2006.01) F01D 17/08 (2006.01) F02C 6/08 (2006.01) F02C 7/047 (2006.01) F02C 7/057 (2006.01) F02C 9/24 (2006.01) F02K 3/04 (2006.01) G01M 3/28 (2006.01)**
[25] FR
[54] **METHOD FOR DETECTING A FLUID LEAK IN A TURBOMACHINE AND FLUID DISTRIBUTION SYSTEM**
[54] **PROCEDE DE DETECTION DE FUITE DE FLUIDE DANS UNE TURBOMACHINE ET SYSTEME DE DISTRIBUTION DE FLUIDE**
[72] EVERWYN, ALEXANDRE PATRICK JACQUES ROGER, FR
[72] RODHAIN, ARNAUD, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2017-06-16
[86] 2015-12-22 (PCT/FR2015/053704)
[87] (WO2016/102878)
[30] FR (14 63331) 2014-12-24

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[13] A1
[51] **Int.Cl. G01B 11/24 (2006.01)**
[25] EN
[54] **REFERENCE SYSTEM FOR ONLINE VISION INSPECTION**
[54] **SYSTEME DE REFERENCE DESTINE A UNE INSPECTION DE VISION EN LIGNE**
[72] IOACHIM, OCTAVIAN, CA
[71] BOMBARDIER INC., CA
[85] 2017-06-16
[86] 2015-12-17 (PCT/IB2015/059748)
[87] (WO2016/103125)
[30] US (62/095,661) 2014-12-22

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[13] A1
[51] **Int.Cl. G01F 1/50 (2006.01)**
[25] EN
[54] **RODABLE PRESSURE COUPLING**
[54] **COUPLAGE DE TRANSMETTEUR DE PRESSION POUVANT RECEVOIR UNE TIGE**
[72] STEHLE, JOHN HENRY, US
[72] KENYON, NATHANIEL KIRK, US
[72] BINGHAM, BRYCE ARTHUR, US
[72] STROM, GREGORY ROBERT, US
[71] DIETERICH STANDARD, INC., US
[85] 2017-06-16
[86] 2015-12-07 (PCT/US2015/064188)
[87] (WO2016/099968)
[30] US (62/093,725) 2014-12-18
[30] US (62/174,885) 2015-06-12
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[13] A1
[51] **Int.Cl. F16L 47/00 (2006.01) C08L 27/24 (2006.01)**
[25] EN
[54] **CPVC PIPE FITTING HAVING IMPROVED RESISTANCE TO ENVIRONMENTAL STRESS CRACKING**
[54] **RACCORD DE TUYAUTERIE EN PVC-C AYANT UNE RESISTANCE AMELIOREE A LA CRAQUELURE SOUS L'EFFET DE CONTRAINTES**
[72] ZOOK, CHRISTOPHER D., US
[72] JULIUS, MARK D., US
[71] LUBRIZOL ADVANCED MATERIALS, INC., US
[85] 2017-06-16
[86] 2015-12-17 (PCT/US2015/066280)
[87] (WO2016/100614)
[30] US (62/094,308) 2014-12-19

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[51] **Int.Cl. G01M 9/04 (2006.01) B65H 23/00 (2006.01)**
[25] EN
[54] **A WEB MATERIAL TEST STAND HAVING A LAMINAR AIRFLOW DEVELOPMENT DEVICE**
[54] **BANC D'ESSAI DE MATERIAU EN BANDE AVEC DISPOSITIF DE DEVELOPPEMENT DE FLUX D'AIR LAMINAIRE**
[72] SICZEK, PAWEL MAREK, US
[72] MELLIN, GUSTAV ANDRE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-06-16
[86] 2015-12-17 (PCT/US2015/066297)
[87] (WO2016/100623)
[30] US (14/577,024) 2014-12-19

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[13] A1
[51] **Int.Cl. G21C 17/00 (2006.01) G08C 17/02 (2006.01) G21D 3/04 (2006.01) H02J 9/00 (2006.01)**
[25] EN
[54] **REMOTE MONITORING OF CRITICAL REACTOR PARAMETERS**
[54] **TELESURVEILLANCE DE PARAMETRES CRITIQUES DE REACTEUR**
[72] POTTORF, JASON, US
[72] HOUGH, TED, US
[71] NUSCALE POWER, LLC, US
[85] 2017-06-16
[86] 2015-12-17 (PCT/US2015/066471)
[87] (WO2016/109237)
[30] US (62/098,514) 2014-12-31

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[13] A1
[51] **Int.Cl. G01V 1/42 (2006.01) G01V 1/18 (2006.01) G01V 1/52 (2006.01)**
[25] EN
[54] **METHOD OF AND SYSTEM FOR CREATING A SEISMIC PROFILE**
[54] **PROCEDE ET SYSTEME POUR LA CREATION D'UN PROFIL SISMIQUE**
[72] MATEEVA, ALBENA ALEXANDROVA, US
[72] WILLS, PETER BERKELEY, US
[72] LOPEZ, JORGE LUIS, US
[72] HORNMAN, JOHAN CORNELIS, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2017-06-16
[86] 2015-12-22 (PCT/US2015/067270)
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[30] US (62/095,848) 2014-12-23

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[13] A1
[51] **Int.Cl. G01V 1/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING A DEPOSITIONAL SEQUENCE VOLUME FROM SEISMIC DATA**
[54] **SYSTEME ET PROCEDE PERMETTANT DE GENERER UN VOLUME DE SEQUENCE SEDIMENTAIRE A PARTIR DE DONNEES SISMIQUES**
[72] WANG, KE, US
[72] WEI, KAIHONG, US
[72] DEAL, KEVIN, US
[72] WILKINSON, DAVE, US
[71] CHEVRON U.S.A. INC., US
[85] 2017-06-16
[86] 2016-01-06 (PCT/US2016/012267)
[87] (WO2016/114955)
[30] US (14/595,964) 2015-01-13

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[13] A1
[51] **Int.Cl. C07K 16/24 (2006.01) A61K 39/395 (2006.01) C07K 1/107 (2006.01)**
[25] EN
[54] **SELECTIVE REDUCTION OF CYSTEINE RESIDUES IN IL-17 ANTIBODIES**
[54] **REDUCTION SELECTIVE DE RESIDUS DE CYSTEINE DANS DES ANTICORPS ANTI-IL-17**
[72] HEITZMANN, MARKUS, CH
[72] WINKLER, JOHANN, AT
[71] NOVARTIS AG, CH
[85] 2017-06-19
[86] 2015-12-21 (PCT/IB2015/059824)
[87] (WO2016/103146)
[30] US (62/095,361) 2014-12-22

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[51] **Int.Cl. C08J 5/24 (2006.01) C08F 20/14 (2006.01) C08L 33/12 (2006.01) D06M 13/203 (2006.01) D06M 15/263 (2006.01)**
[25] EN
[54] **METHOD FOR IMPREGNATING A FIBROUS SUBSTRATE WITH A (METH)ACRYLIC MIXTURE, COMPOSITION OF SAID (METH)ACRYLIC MIXTURE, AND COMPOSITE MATERIAL PRODUCED AFTER POLYMERISATION OF SAID (METH)ACRYLIC MIXTURE**
[54] **PROCEDE D'IMPREGNATION D'UN SUBSTRAT FIBREUX AVEC UN MELANGE (METH)ACRYLIQUE, COMPOSITION DUDIT MELANGE (METH)ACRYLIQUE, ET MATERIAU COMPOSITE OBTENU APRES POLYMERISATION DUDIT MELANGE (METH)ACRYLIQUE**
[72] GERARD, PIERRE, FR
[72] FRANCOIS, GILLES, FR
[72] TAILLEMITE, SEBASTIEN, FR
[72] LAFARGE, MELANIE, FR
[71] ARKEMA FRANCE, FR
[85] 2017-06-19
[86] 2015-12-22 (PCT/FR2015/053711)
[87] (WO2016/102884)
[30] FR (14 63058) 2014-12-22

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[13] A1
[51] **Int.Cl. C08F 20/02 (2006.01) C08J 5/24 (2006.01)**
[25] EN
[54] **LIQUID (METH)ACRYLIC SYRUP, PROCESS FOR IMPREGNATING A FIBROUS SUBSTRATE WITH SAID SYRUP, AND COMPOSITE MATERIAL OBTAINED AFTER POLYMERIZATION OF SAID IMPREGNATING SYRUP**
[54] **SIROP (METH)ACRYLIQUE LIQUIDE, PROCEDE D'IMPREGNATION D'UN SUBSTRAT FIBREUX PAR LEDIT SIROP, ET MATERIAU COMPOSITE OBTENU APRES POLYMERISATION DUDIT SIROP D'IMPREGNATION**
[72] GERARD, PIERRE, FR
[72] TAILLEMITE, SEBASTIEN, FR
[72] CALIN, DANIEL, FR
[71] ARKEMA FRANCE, FR
[85] 2017-06-19
[86] 2015-12-22 (PCT/FR2015/053725)
[87] (WO2016/102890)
[30] FR (14 63056) 2014-12-22

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[13] A1
[51] **Int.Cl. C08F 20/02 (2006.01) C08J 5/24 (2006.01) D06M 13/203 (2006.01) D06M 15/263 (2006.01)**
[25] EN
[54] **LIQUID (METH)ACRYLIC SYRUP, METHOD FOR IMPREGNATING A FIBROUS SUBSTRATE WITH SAID SYRUP, AND COMPOSITE MATERIAL PRODUCED AFTER POLYMERISATION OF SAID IMPREGNATION SYRUP**
[54] **SIROP (METH)ACRYLIQUE LIQUIDE, PROCEDE D'IMPREGNATION D'UN SUBSTRAT FIBREUX PAR LEDIT SIROP, ET MATERIAU COMPOSITE OBTENU APRES POLYMERISATION DUDIT SIROP D'IMRPEGNATION**
[72] GERARD, PIERRE, FR
[72] TAILLEMITE, SEBASTIEN, FR
[72] CALIN, DANIEL, FR
[71] ARKEMA FRANCE, FR
[85] 2017-06-19
[86] 2015-12-22 (PCT/FR2015/053736)
[87] (WO2016/102899)
[30] FR (14 63054) 2014-12-22

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[13] A1
[51] **Int.Cl. G01H 13/00 (2006.01) G01N 9/00 (2006.01) G01N 11/10 (2006.01)**
[25] EN
[54] **DETERMINING A VIBRATION RESPONSE PARAMETER OF A VIBRATORY ELEMENT**
[54] **DETERMINATION D'UN PARAMETRE DE REPONSE DE VIBRATION D'UN ELEMENT VIBRANT**
[72] MCANALLY, CRAIG B., US
[72] KRAVITZ, ANDREW S., US
[71] MICRO MOTION, INC., US
[85] 2017-06-15
[86] 2015-03-03 (PCT/US2015/018472)
[87] (WO2016/099591)
[30] US (62/094,255) 2014-12-19

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[13] A1
[51] **Int.Cl. C11D 17/08 (2006.01) C11D 1/62 (2006.01) C11D 3/20 (2006.01) C11D 3/37 (2006.01) C11D 3/43 (2006.01) C11D 3/50 (2006.01) C11D 3/60 (2006.01)**
[25] EN
[54] **UNIT DOSE FABRIC SOFTENER**
[54] **ADOUCISSANT TEXTILE EN DOSE UNITAIRE**
[72] SCHRAMM, JR. CHARLES JOHN, US
[72] TRUONG, KATIE, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2017-06-19
[86] 2014-12-22 (PCT/US2014/071828)
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[13] A1
[51] **Int.Cl. B32B 15/01 (2006.01) B21D 53/04 (2006.01) B32B 15/20 (2006.01) B22D 7/02 (2006.01)**
[25] EN
[54] **CLAD SHEETS FOR HEAT EXCHANGERS**
[54] **TOLES PLAQUEES POUR DES ECHANGEURS DE CHALEUR**
[72] YUAN, YUDIE, US
[72] HUNTER, JOHN ANTHONY, CA
[71] NOVELIS INC., US
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[54] **RESEAUX ADHESIFS POREUX DANS DES DISPOSITIFS ELECTROCHIMIQUES**
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[72] YANDRASITS, MICHAEL A., US
[72] FRISK, JOSEPH W., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **AQUEOUS PRIMER**
[54] **APPRET AQUEUX**
[72] CHEN, LIANZHOU, US
[72] SALNIKOV, DMITRIY, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[25] EN
[54] **ELECTROCHEMICAL AND PHOTOELECTROCHEMICAL OXIDATION OF 5-HYDROXYMETHYLFURFURAL TO 2,5-FURANDICARBOXYLIC ACID AND 2,5-DIFORMYLFURAN**
[54] **OXYDATION ELECTROCHIMIQUE ET PHOTO-ELECTROCHIMIQUE DE 5-HYDROXYMETHYLFURFURAL EN ACIDE 2,5-FURANDICARBOXYLIQUE ET EN 2,5-DIFORMYLFURANE**
[72] CHOI, KYOUNG-SHIN, US
[72] CHA, HYUN GIL, US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
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[25] EN
[54] **HIGHLY FORMABLE AUTOMOTIVE ALUMINUM SHEET WITH REDUCED OR NO SURFACE ROPING AND A METHOD OF PREPARATION**
[54] **TOLE D'ALUMINIUM HAUTEMENT DEFORMABLE POUR L'INDUSTRIE AUTOMOBILE A STRIAGE REDUIT OU NUL ET PROCEDE DE PREPARATION**
[72] KAMAT, RAJEEV G., US
[72] CUSTERS, DAVID, CA
[72] GUPTA, ALOK, CA
[72] DESPOIS, AUDE, CH
[71] NOVELIS INC., US
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[54] **METHOD FOR THE CONTINUOUS PRODUCTION OF A LOW-DENSITY MINERAL FOAM**
[54] **PROCEDE DE FABRICATION EN CONTINU D'UNE MOUSSE MINERALE A FAIBLE DENSITE**
[72] BERNARD, FREDDY, FR
[72] JEZEQUEL, PIERRE-HENRI, FR
[72] REBOUSSIN, SANDRINE, FR
[71] LAFARGE, FR
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[54] **HERBICIDAL COMBINATION COMPRISING SAFLUFENACIL AND GLUFOSINATE**
[54] **COMBINAISON HERBICIDE COMPRENANT DU SAFLUFENACIL ET DU GLUFOSINATE**
[72] MASSA, DARIO, DE
[72] EVANS, RICHARD, US
[72] WITSCHEL, MATTHIAS, DE
[72] SEISER, TOBIAS, DE
[72] LIEBL, REX, US
[72] FRATESCHI, ALEXANDRE, MX
[71] BASF SE, DE
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[25] EN
[54] **SHEAR WAVE ELASTROGRAPHY METHOD AND APPARATUS FOR IMAGING AN ANISOTROPIC MEDIUM**
[54] **PROCEDE D'ELASTOGRAPHIE D'ONDE DE CISAILLEMENT ET APPAREIL POUR L'IMAGERIE D'UN MILIEU ANISOTROPE**
[72] BERCOFF, JEREMY, FI
[72] HENRY, JEAN-PIERRE, FR
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[54] **BRULEURS INCLINES VERS LE HAUT DANS DES FOURS DE VERRERIE**
[72] IYOHA, OSEMWENGIE UYI, US
[72] KOBAYASHI, HISASHI, US
[72] EVENSON, EUAN J., CA
[71] PRAXAIR TECHNOLOGY, INC., US
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[25] FR
[54] **CONTROL SYSTEM FOR FLOW OF TURBINED WATER FROM A PLURALITY OF HYDROELECTRIC PLANTS**
[54] **SYSTEME DE PILOTAGE DE DEBIT D'EAU TURBINEE D'UNE PLURALITE D'USINES HYDROELECTRIQUES**
[72] DEPRUGNEY, LUC, FR
[72] ZARATE, JENNIFER, FR
[72] ROBERT, GERARD, FR
[71] ELECTRICITE DE FRANCE, FR
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[54] **PROCESS FOR RECYCLING DETERGENT POUCHES**
[54] **PROCEDE DE RECYCLAGE DE SACHETS DE DETERGENT**
[72] TURNBULL, NICHOLAS ALEXANDER, GB
[72] JUKES, PAUL, GB
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **ORAL CARE COMPOSITION**
[54] **COMPOSITION POUR SOINS BUCCAUX**
[72] CHEN, DANDAN, US
[72] TRIVEDI, HARSH, US
[72] HILLIARD, PETER R., JR., US
[72] MASTERS, JAMES, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[25] EN
[54] **FILM AND DECORATIVE FILM CAPABLE OF COVERING ARTICLE HAVING THREE-DIMENSIONAL SHAPE BY HEAT EXPANSION**
[54] **FILM ET FILM DECORATIF APTE A RECOUVRIR UN ARTICLE PRESENTANT UNE FORME EN TROIS DIMENSIONS PAR DILATATION THERMIQUE**
[72] TAKAMATSU, YORINOBU, JP
[72] NAKAYAMA, AKIHIKO, JP
[72] YASUDA, DAIGO, JP
[72] KAWAGOE, MINORI, JP
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[25] EN
[54] **DESIGN TRANSFER SHEET AND DECORATIVE FILM, AND METHOD FOR PRODUCING SAME**
[54] **FEUILLE DE TRANSFERT DE MOTIF ET FILM DECORATIF ET PROCEDE DE PRODUCTION CORRESPONDANT**
[72] YASUDA, DAIGO, JP
[72] TAKAMATSU, YORINOBU, JP
[72] KAWAGOE, MINORI, JP
[72] NAKAYAMA, AKIHIKO, JP
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **URINARY CATHETER ASSEMBLY AND METHOD**
[54] **ENSEMBLE CATHETER URINAIRE ET PROCEDE**
[72] NICKEL, ERIC, US
[71] UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS, US
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[25] EN
[54] **BENZOXAZINES AND COMPOSITIONS CONTAINING THE SAME**
[54] **BENZOXAZINES ET COMPOSITIONS EN CONTENANT**
[72] HARRIMAN, MARK EDWARD, GB
[72] CROSS, PAUL MARK, GB
[72] GUPTA, RAM B., US
[71] CYTEC INDUSTRIES INC., US
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[25] EN
[54] **ANTI-PD-1 ANTIBODIES**
[54] **ANTICORPS ANTI-PD-1**
[72] AMIRINA, NAJMIA, US
[72] CHAMARTHI, HAREESH, US
[72] CHIU, MARIA ISABEL, US
[72] DOTY, DANIEL, US
[72] FENG, BIN, US
[72] JONCA, ALEKS, US
[72] MCQUADE, THOMAS, US
[72] NGUYEN, ANHCO, US
[72] RANGANATH, SHEILA, US
[72] SCHEUPLEIN, FELIX, US
[72] SPAULDING, VIKKI A., US
[72] WANG, LEI, US
[72] WATKINS-YOON, JENNIFER, US
[72] VADDE, SRI SAHITYA, US
[71] ENUMERAL BIOMEDICAL HOLDINGS, INC., US
[85] 2017-06-20
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[54] **JOUNCE BUMPER**
[54] **BUTEE ANTICHOC**
[72] SZEKELY, PETER LASZLO, FR
[72] MORRIS, BRYAN, CH
[72] THOMASSON, SEBASTIEN, CH
[71] E.I.DU PONT DE NEMOURS AND COMPANY, US
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[25] FR
[54] **REGIONAL HIGH-DENSITY MAPPING OF THE ATRIAL FIBRILLATION SUBSTRATE**
[54] **CARTOGRAPHIE REGIONALE HAUTE DENSITE DU SUBSTRAT DE LA FIBRILLATION ATRIALE**
[72] BARS, CLEMENT, FR
[72] SEITZ, JULIEN, FR
[71] BARS, CLEMENT, FR
[71] SEITZ, JULIEN, FR
[71] THEODORE, GUILLAUME, FR
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[54] **MANUFACTURING METHOD**
[54] **PROCEDE DE FABRICATION**
[72] FRANCIS, MARK, GB
[72] JORDAN, RICHARD, GB
[72] BARNES, MICHAEL, GB
[71] NOV DOWNHOLE EURASIA LIMITED, GB
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[25] EN
[54] **PHARMACEUTICAL PRODUCTS AND STABLE LIQUID COMPOSITIONS OF IL-17 ANTIBODIES**
[54] **PRODUITS PHARMACEUTIQUES ET COMPOSITIONS LIQUIDES STABLES D'ANTICORPS CIBLANT L'IL-17**
[72] JOERG, SUSANNE, CH
[72] SERNO-SCHERSCH, KATHRIN, CH
[71] NOVARTIS AG, CH
[85] 2017-06-21
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[51] **Int.Cl. B23K 26/26 (2014.01) C04B 41/00 (2006.01) C21D 1/34 (2006.01)**
[25] EN
[54] **INLINE LASER-BASED SYSTEM AND METHOD FOR THERMAL TREATMENT OF CONTINUOUS PRODUCTS**
[54] **SYSTEME EN LIGNE A BASE D'UN LASER ET PROCEDE DE TRAITEMENT THERMIQUE DE PRODUITS CONTINUS**
[72] TECCO, DORIVAL GONCALVES, US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **JOINT FINISHING ADHESIVE**
[54] **ADHESIF DE FINITION DE JOINTS**
[72] NEGRI, ROBERT H., US
[72] LI, DONGHONG, US
[72] BURY, RAFAEL, US
[71] UNITES STATES GYPSUM COMPANY, US
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[30] US (62/096,758) 2014-12-24
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[25] EN
[54] **WORK PLATFORM WITH PROTECTION AGAINST SUSTAINED INVOLUNTARY OPERATION**
[54] **PLATE-FORME DE TRAVAIL AYANT UNE PROTECTION CONTRE UNE OPERATION INVOLONTAIRE SOUTENUE**
[72] HAO, JI HONG, US
[72] PUSZKIEWICZ, IGNACY, US
[72] MOCK, BRYAN SCOTT, US
[72] BOOHER, TODD S., US
[72] GREENBERGER, DOROTHY GATES, US
[71] JLG INDUSTRIES, INC., US
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[25] EN
[54] **PROBIOTIC ORGANISMS FOR DIAGNOSIS, MONITORING, AND TREATMENT OF INFLAMMATORY BOWEL DISEASE**
[54] **ORGANISMES PROBIOTIQUES POUR LE DIAGNOSTIC, LA SURVEILLANCE ET LE TRAITEMENT DE LA MALADIE INTESTINALE INFLAMMATOIRE**
[72] LU, TIMOTHY KUAN-TA, US
[72] RUBENS, JACOB ROSENBLUM, US
[72] MUELLER, ISAAK ELIS, US
[72] SELVAGGIO, GIANLUCA, IT
[72] MILLER, PAUL, US
[72] FALB, DEAN, US
[72] ISABELLA, VINCENT, US
[72] KOTULA, JONATHAN, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] SYNLOGIC, INC., US
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[25] EN
[54] **METHOD OF CULTURING SEGMENTED FILAMENTOUS BACTERIA IN VITRO**
[54] **PROCEDE DE CULTURE IN VITRO DE BACTERIES FILAMENTEUSES SEGMENTEES**
[72] EBERL, GERARD, FR
[72] BIKARD, DAVID, FR
[72] SCHNUPF, PAMELA, FR
[72] CERF BENSUSSAN, NADINE, FR
[72] GABORIAU-ROUTHIAU, VALERIE, FR
[72] SANSONETTI, PHILIPPE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] INSTITUT PASTEUR, FR
[71] FONDATION IMAGINE, FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[71] UNIVERSITE PARIS DESCARTES, FR
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[54] **CLEANING APPARATUS**
[54] **APPAREIL DE NETTOYAGE**
[72] YOUNG, RONALD ALEXANDER (SCOT), GB
[71] YOUNG, RONALD ALEXANDER (SCOT), GB
[85] 2017-06-22
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[30] GB (1423153.4) 2014-12-23

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[25] EN
[54] **TWO-COMPONENT COATING COMPOSITIONS AND COATINGS PRODUCED THEREFROM FOR IMPROVING EROSION RESISTANCE**
[54] **COMPOSITIONS DE REVETEMENT BICOMPOSANT ET REVETEMENT DESTINES A L'AMELIORATION DE LA RESISTANCE A L'EROSION REALISES A PARTIR DE CES COMPOSITIONS**
[72] SEEGER, DIRK, DE
[72] MULLER, HARALD, DE
[72] MEYERJURGENS, ANDREAS, DE
[71] BASF COATINGS GMBH, DE
[85] 2017-06-22
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[25] FR
[54] **NOVEL STRAIN OF LACTOBACILLUS PLANTARUM**
[54] **NOUVELLE SOUCHE DE LACTOBACILLUS PLANTARUM**
[72] GOYON, ANNABELLE, FR
[71] SEB SA, FR
[85] 2017-06-22
[86] 2015-12-18 (PCT/FR2015/053642)
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[30] FR (14 63068) 2014-12-22

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[25] FR
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[54] **APPAREIL DE CUISSON A PANNEAU AMORTI**
[72] VOLATIER, SEBASTIEN, FR
[72] GOYON, ANNABELLE, FR
[71] SEB S.A., FR
[85] 2017-06-22
[86] 2016-01-05 (PCT/FR2016/050008)
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[30] FR (1550068) 2015-01-06

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[51] **Int.Cl. F23R 3/52 (2006.01) F02C 7/22 (2006.01) F23R 3/38 (2006.01)**
[25] FR
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[54] **ENSEMBLE DE COMBUSTION DE TURBOMACHINE**
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[72] JANG, CHOONG HYO, KR
[72] KUK, KEON, KR
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[72] CONNELL, JASON, US
[71] NEW YORK AIR BRAKE LLC, US
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[54] **COMPOSITIONS D'INHIBITEURS DE CORROSION POUR TRAITEMENTS D'ACIDIFICATION**
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[71] LONZA INC., US
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[54] **CONDITION DE LIMITE D'ABSORPTION EFFICACE ET STABLE DANS DES CALCULS A DIFFERENCE FINIE**
[72] BRYTIK, VALERIY, US
[72] SHAW, JASON, US
[72] JING, CHARLIE, US
[72] ZHAO, HONG, US
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[54] **PROCEDE D'INVERSION DE CHAMP D'ONDES COMPLET A PLUSIEURS ETAGES QUI GENERE UN ENSEMBLE DE DONNEES SANS MULTIPLES**
[72] VDOVINA, TETYANA, US
[72] BANSAL, REESHIDEV, US
[72] BAUMSTEIN, ANATOLY, US
[72] TANG, YAXUN, US
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[54] **EMULSION ET SON PROCEDE DE PREPARATION**
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[71] CARGILL, INCORPORATED, US
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[54] **DISPOSITIFS D'AGREGATION A HAUT RENDEMENT ET DE MANIPULATION DE CELLULES MAMMALIENNES**
[72] HOHNEL, SYLKE, CH
[72] BRANDENBERG, NATHALIE, CH
[72] LUTOLF, MATTHEAS, CH
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[54] **ECHANGEUR DE CHALEUR ENTHALPIQUE**
[72] CHLUP, JAROSLAV, CZ
[72] HAZUKA, FILIP, CZ
[72] DVORAK, VACLAV, CZ
[72] VIT, TOMAS, CZ
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[54] **MODULE DETECTEUR D'UN CONNECTEUR ENFICHABLE MODULAIRE**
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[54] **METHOD FOR PARAMETERIZING A 3D DOMAIN WITH DISCONTINUITIES**
[54] **PROCEDE DE PARAMETRAGE D'UN DOMAINE TRIDIMENSIONNEL AYANT DES DISCONTINUITES**
[72] KARTASHEVA, ELENA, US
[72] KUBYAK, VALERIY, US
[72] SHMYROV, VALERIY, US
[72] KANDYBOR, DMITRY B., US
[72] LOMOKHOVA, ANASTASIA, US
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[54] **SYSTEMS AND METHODS FOR MODELLING ADDITIVELY MANUFACTURED BODIES**
[54] **SYSTEMES ET PROCEDES DE MODELISATION DE CORPS FABRIQUES DE MANIERE ADDITIVE**
[72] HUANG, WEI, US
[72] GLOBIG, MICHAEL A., US
[72] SIEMON, JOHN T., US
[72] SPEER, ROBERT J., US
[71] ARCONIC INC., US
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[54] **PROCEDE DE DISTRIBUTION DE TITRES DE VALEURS TELS QUE DES ACTIONS OU OBLIGATIONS, NOTAMMENT D'ENTREPRISES EN RECHERCHE DE FINANCEMENT ET UN SYSTEME POUR LA MISE EN OEUVRE DE CE PROCEDE**
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[54] **PROCEDE DE FABRICATION D'UNE PIECE REFRACTAIRE EN MATERIAU COMPOSITE**
[72] PODGORSKI, MICHAEL, FR
[72] DAMBRINE, BRUNO JACQUES GERARD, FR
[72] MOLLIEX, LUDOVIC EDMOND CAMILLE, FR
[72] BILLOTTE CABRE, CATHERINE, CA
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[54] **PROCEDE DE FABRICATION D'UNE PIECE EN MATERIAU COMPOSITE**
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[72] DAMBRINE, BRUNO JACQUES GERARD, FR
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[54] **BATTERIE RECHARGEABLE A ELECTROLYTE NON AQUEUX, ENSEMBLE BATTERIE, ET SON PROCEDE DE FABRICATION**
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[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **COMPOSITION DE LIQUIDE DE REFROIDISSEMENT, PROCEDE DE FONCTIONNEMENT DE MOTEUR A COMBUSTION INTERNE L'UTILISANT ET SON UTILISATION**
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[72] MIYAJIMA, KAZUHIRO, JP
[72] MAKINO, RYOTA, JP
[72] KAMENOUE, SHOGO, JP
[72] OGURA, SHINICHI, JP
[72] YAEDA, KAZUHITO, JP
[72] YOSHII, YOICHIRO, JP
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[72] NAGASAWA, MASAYUKI, JP
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[72] TAIT, TERRY, CA
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[54] **FEUILLES DECHIRABLES MANUELLEMENT ET LEUR PROCEDE DE FABRICATION**
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[72] STROBEL, MARK A., US
[72] GETSCHEL, JOEL A., US
[72] WANG, SHUJUN J., US
[72] MOUGHTON, ADAM O., US
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[54] **REMPLISSAGE EN TEMPS REEL DANS DES ETUDES SISMIQUES MARINES A L'AIDE D'UNE SOURCE SISMIQUE INDEPENDANTE**
[72] BERNITSAS, NIKOLAOS, US
[72] BROOKES, DAVID JAMES, US
[72] RIDYARD, DAVID, US
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[54] **SEPARATION DE PLATE-FORME EN CAS DE COLLISION IMMINENTE**
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[72] FRISCHE, ERIC A., US
[71] SPACE DATA CORPORATION, US
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[54] **MISE EN FORME GEOMETRIQUE D'ETIQUETTES RADIOFREQUENCE UTILISEES DANS DES OPERATIONS DE CIMENTATION DE PUITS DE FORAGE**
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[72] ROBERSON, MARK W., US
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[72] SEQUEIRA, MELWYN F., US
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[72] COPELAND, RICHARD LOYD, US
[72] SEQUEIRA, MELWYN F., US
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[54] **METHOD AND APPARATUS FOR PREDICTION OF A DESTINATION AND MOVEMENT OF A PERSON OF INTEREST**
[54] **PROCEDE ET APPAREIL POUR LA PREDICTION D'UNE DESTINATION ET D'UN DEPLACEMENT D'UNE PERSONNE D'INTERET**
[72] AGULNIK, ANATOLY, US
[72] COSTA, FABIO M., US
[72] DOUROS, KENNETH A., US
[72] KING, MELANIE A., US
[71] MOTOROLA SOLUTIONS, INC., US
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[54] **SYSTEMES A ANTENNES ENTERREES A DES FINS DE COMMUNICATION BIDIRECTIONNELLE AVEC DES VEHICULES A ROUES**
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[71] GATEKEEPER SYSTEMS, INC., US
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[54] **INSCRIPTION BIOMETRIQUE HORS BANDE ET VERIFICATION EN UTILISANT LA MESSAGERIE INTERACTIVE**
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[71] IMAGEWARE SYSTEMS, INC., US
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[54] **METHOD AND SYSTEM FOR IDENTIFYING SOURCES OF TAX-RELATED INFORMATION TO FACILITATE TAX RETURN PREPARATION**
[54] **PROCEDE ET SYSTEME POUR IDENTIFIER DES SOURCES D'INFORMATIONS RELATIVES A L'IMPOT AFIN DE FACILITER LA PREPARATION D'UNE DECLARATION DE REVENUS**
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[72] MASCARO, MASSIMO, US
[72] CABRERA, LUIS FELIPE, US
[72] LAASER, WILLIAM T., US
[71] INTUIT INC., US
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[54] **GESTION CALME DE LIVRAISON DE CONTENU**
[72] TEIXEIRA, JOHN MICHAEL, US
[72] DOERRING, NICHOLAS DANIEL, US
[72] STAUNTON-LAMBERT, KEVIN, US
[72] SZYMANSKI, STEVEN J., US
[71] OPENTV, INC., US
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[54] **CONNECTOR SYSTEM**
[54] **SYSTEME DE RACCORD**
[72] NGUYEN, DENNIS P., US
[71] CAMERON INTERNATIONAL CORPORATION, US
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[54] **ATTACHMENT FOR A FORMWORK AND FORMWORK HAVING AN ATTACHMENT**
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[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **APPAREIL D'AFFICHAGE**
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[72] MALINOUSKI, DZMITRY, GB
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[54] **METHOD AND CONTAINER TRANSFER INSTALLATION FOR PLACING CONTAINERS INTO AND REMOVING CONTAINERS FROM CONTAINER STORAGE AREAS**
[54] **PROCEDE ET INSTALLATION DE TRANSBORDEMENT DE CONTENEURS SERVANT METTRE EN STOCK ET A RETIRER DU STOCK DES CONTENEURS DANS DES ENTREPOTS DE CONTENEURS**
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[54] **MEMBRANES DE TAMIS MOLECULAIRE DE CARBONE COMPOSITE AYANT DES PARTICULES ANTI-AFFAISSEMENT DE SOUS-STRUCTURE CHARGEES DANS UN NOYAU DE CELUI-CI**
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[72] KOSURI, MADHAVA R., US
[72] MA, CANGHAI, US
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[72] DOMINOWSKI, PAUL JOSEPH, US
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[72] JACKSON, JAMES ALAN, US
[72] GAY, CYRIL GERARD, US
[72] RODRIGUEZ, LUIS LEANDRO, US
[72] KRUG, PETER WILLIAM, US
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[54] **METHODES DE TRAITEMENT D'UN SUJET ATTEINT D'UNE DEFICIENCE EN PHOSPHATASE ALCALINE**
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[54] **PROCEDE ET DISPOSITIF PERMETTANT DE FOURNIR UNE CIBLE FICTIVE POUR PROTEGER UN VEHICULE ET/OU UN OBJET CONTRE DES TETES CHERCHEUSES DIRIGEES PAR RADAR**
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[72] GUERRA, GERARDO, US
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[54] **PROCEDE DE CONTROLE DE L'ETAT D'UNE LIAISON ENTRE UN DISPOSITIF DE TRAITEMENT DU SANG ET UN SET DE LIGNES A SANG, ET DISPOSITIFS**
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[54] **ESTIMATION AMELIOREE DE DEVIATION EN PATTE DE CHIEN DE PUITS DE FORAGE A PARTIR DE MESURES DE MOMENT DE COURBURE D'OUTIL**
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[54] **DISPOSITIFS DE STABILISATION DES OS ET DES ARTICULATIONS PAR TENSION ACTIVE**
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[71] PANTHER ORTHOPEDICS, INC., US
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[54] **PROCEDES DE COMMANDE D'UNE SCISSION DE CHAINES POLYMERES**
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[72] LOCKLEAR, BRANDON C., US
[71] UNIVATION TECHNOLOGIES, LLC, US
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[54] **DISPOSITIF DE CHARGEMENT POUR LE TRAITEMENT THERMIQUE DE PIECES POURVUES D'UN MOYEU**
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[72] STADTLER, THORSTEN, DE
[71] HARTEREI REESE BOCHUM GMBH, DE
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[54] **PROCEDE DE TRAITEMENT D'UN GAZ COMPRENANT DU SULFURE D'HYDROGENE ET DES MERCAPTANS**
[72] KLOK, JAHANNES BERNARDUS MARIA, NL
[72] VAN HEERINGEN, GIJSBERT JAN, NL
[72] VAN DIJK, JAN HENK, NL
[72] JANSSEN, ALBERT JOSEPH HENDRIK, NL
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[54] **APPAREIL POUR COUPER ET DEVIER UN FLUX DE LIQUIDE EN CIRCULATION SANS COUP DE BELIER**
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[72] SILVA, GIAN MARCO, IT
[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **MATERIAUX ALTERNATIFS POUR MANDRIN DANS DES TREPANS COMPOSITES A MATRICE METALLIQUE INFILTREE**
[72] VOGLEWEDE, DANIEL BRENDAN, US
[72] THOMAS, JEFFREY G., US
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[72] HOSCH, TIM, US
[71] ARCONIC INC., US
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[54] **DEPLOIEMENT EN SUBSURFACE POUR LA SURVEILLANCE LE LONG D'UN TROU DE FORAGE**
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[72] LOVELL, JOHN R., US
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[54] **FORMULATIONS D'HYDROGEL HYPOTONIQUES POUR LE TRANSPORT AMELIORE D'AGENTS ACTIFS AU NIVEAU DE SURFACES MUQUEUSES**
[72] MAISEL, KATHARINA, US
[72] ENSIGN, LAURA, US
[72] HANES, JUSTIN, US
[72] CONE, RICHARD, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
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[54] **DISPOSITIF D'ALIMENTATION ENTERALE**
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[72] LASSON, EMILIE, NO
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[72] WULFF, MARIANNE WEIBY, NO
[71] PRONOVA BIOPHARMA NORGE AS, NO
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[54] **SURVEILLANCE DE PUITS A L'AIDE DES CENTREURS DE TUBAGE**
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[72] FOUDA, AHMED ELSAYED, US
[72] DONDERICI, BURKAY, US
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[72] SOBORSKI, MICHAEL L., US
[71] SYS-TECH SOLUTIONS, INC., US
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[54] **POLYTHERAPIES POUR LE TRAITEMENT DE CANCERS**
[72] DI PAOLO, JULIE A., US
[72] JONES, RANDALL MARK, US
[72] TUMAS, DANIEL B., US
[71] GILEAD SCIENCES, INC., US
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR ENHANCING PRODUCTION OF ALUMINUM HYDROXIDE IN AN ALUMINUM HYDROXIDE PRODUCTION PROCESS**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'AMELIORER LA PRODUCTION D'HYDROXYDE D'ALUMINIUM DANS UN PROCEDE DE PRODUCTION D'HYDROXYDE D'ALUMINIUM**
[72] LIU, JIANJUN, US
[72] O'BRIEN, KEVIN, US
[71] ECOLAB USA INC., US
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[25] EN
[54] **A METHOD AND DEVICE FOR CUP IMPLANTING USING INERTIAL SENSORS**
[54] **PROCEDE ET DISPOSITIF POUR IMPLANTATION DE CUPULE AU MOYEN DE CAPTEURS INERTIELS**
[72] FALARDEAU, BRUNO, CA
[72] DUVAL, KARINE, CA
[72] LEONE, YVAN, CA
[72] PARADIS, FRANCOIS, CA
[72] LI, DI, CA
[72] VALIN, MYRIAM, CA
[72] PELLETIER, BENOIT, CA
[72] MOREAU-BELANGER, LAURENCE, CA
[71] ORTHOSOFT INC., CA
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[54] **TROCART SCELLE PNEUMATIQUEMENT A REGLAGE AUTOMATIQUE**
[72] MASTRI, DOMINICK, US
[71] SURGIQUEST, INC., US
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[54] **FILTER CARTRIDGE WITH INTERNAL GASEOUS SEAL FOR MULTIMODAL SURGICAL GAS DELIVERY SYSTEM HAVING A SMOKE EVACUATION MODE**
[54] **CARTOUCHE FILTRANTE AVEC JOINT D'ETANCHEITE GAZEUX INTERNE POUR SYSTEME DE DISTRIBUTION DE GAZ CHIRURGICAL MULTIMODAL AYANT UN MODE D'EVACUATION DE FUMEE**
[72] MASTRI, DOMINICK, US
[72] STEARNS, RALPH, US
[72] AUGELLI, MICHAEL J., US
[72] BLIER, KENNETH, US
[71] SURGIQUEST, INC., US
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[54] **FILTER CARTRIDGE WITH INTEGRATED GASEOUS SEAL FOR MULTIMODAL SURGICAL GAS DELIVERY SYSTEM**
[54] **CARTOUCHE FILTRANTE AVEC JOINT GAZEUX INTEGRE POUR SYSTEME MULTIMODAL D'ADMINISTRATION DE GAZ CHIRURGICAL**
[72] MASTRI, DOMINICK, US
[72] STEARNS, RALPH, US
[72] AUGELLI, MICHAEL J., US
[72] BLIER, KENNETH, US
[71] SURGIQUEST, INC., US
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[54] **THERAPEUTIC AGENT FOR BILE DUCT CANCER**
[54] **AGENT THERAPEUTIQUE CONTRE LE CANCER DU CANAL CHOLEDOQUE**
[72] SHIBATA, TATSUHIRO, JP
[72] ARAI, YASUHITO, JP
[72] NOMOTO, KENICHI, US
[72] NAKAMURA, TOMIO, JP
[72] TSURUOKA, AKIHIKO, JP
[72] MIYANO, SAORI, JP
[71] NATIONAL CANCER CENTER, JP
[71] EISAI R&D MANAGEMENT CO., LTD., JP
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[25] EN
[54] **UNIFIED CONTROL SYSTEM FOR DRILLING RIGS**
[54] **SYSTEME DE COMMANDE UNIFIE POUR APPAREILS DE FORAGE**
[72] TUNC, GOKTURK, US
[72] ZHENG, SHUNFENG, US
[72] CHIOCK, MARIO, US
[72] PARMESHWAR, VISHWANATHAN, US
[72] KEENLEYSIDE, MALCOLM, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-07-25
[86] 2016-01-13 (PCT/US2016/013138)
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[25] EN
[54] **DOWNHOLE CUTTING AND JACKING SYSTEM**
[54] **SYSTEME DE COUPE ET DE LEVAGE DE FOND DE TROU**
[72] LEHR, DOUGLAS J., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2017-07-25
[86] 2016-01-19 (PCT/US2016/013948)
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[25] EN
[54] **STABLE 5-METHYLTETRAHYDROFOLATE FORMULATIONS TO MODERATE METHYLENETETRAHYDROFOLATE REDUCTASE ASSOCIATED POLYMORPHISMS**
[54] **FORMULATIONS DE 5-METHYLTRAHYDROFOLATE STABLES A UTILISER POUR MODERER DES POLYMORPHISMES ASSOCIES A LA METHYLENETETRAHYDROFOLATE REDUCTASE**
[72] HUBERS, DEBRA K., US
[72] GIVANT, CHRISTINE A., US
[71] LA VITA COMPOUNDING PHARMACY, US
[85] 2017-07-25
[86] 2016-01-26 (PCT/US2016/014868)
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[54] **COMPOSITIONS AND METHODS OF USING TYROSINE KINASE INHIBITORS**
[54] **COMPOSITIONS ET PROCEDES D'UTILISATION D'INHIBITEURS DE TYROSINE KINASE**
[72] BENNETT, ANTON, US
[72] YI, JAE-SUNG, US
[71] YALE UNIVERSITY, US
[85] 2017-07-25
[86] 2016-01-26 (PCT/US2016/014882)
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[25] EN
[54] **AIR STOP MEMBRANE FOR MAINTAINING A FLUID COLUMN IN AN IV SET**
[54] **MEMBRANE D'ARRET D'AIR POUR MAINTENIR UNE COLONNE DE FLUIDE DANS UN PERFUSEUR**
[72] WHITAKER, WESTON O., US
[72] STALEY, SHAUN, US
[72] MUNOZ, MARCELINO, US
[72] LARSEN, JON, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2017-07-25
[86] 2016-01-26 (PCT/US2016/014940)
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[25] EN
[54] **SYSTEMS, DEVICES AND METHODS FOR ANALYZING AND PROCESSING SAMPLES**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES D'ANALYSE ET DE TRAITEMENT D'ECHANTILLONS**
[72] HOFMEISTER, RUDOLF J., US
[72] ICE, DONALD A., US
[72] TANDY, SCOTT W., US
[71] H2OPTX INC., US
[85] 2017-07-25
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[25] EN
[54] **SYSTEM AND METHOD FOR APPLYING PREDICTIVE SOCIAL SCORING TO PERFORM FOCUSED RISK ASSESSMENT**
[54] **SYSTEME ET PROCEDE D'APPLICATION D'UNE NOTATION SOCIALE PREDICTIVE POUR EFFECTUER UNE EVALUATION FOCALISEE DE RISQUE**
[72] DRUCKER, MAX, US
[72] ANDREWS, GEOFFREY, US
[71] DRUCKER, MAX, US
[71] ANDREWS, GEOFFREY, US
[85] 2017-07-25
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[25] EN
[54] **FINGER RING ELECTROCARDIOGRAM MONITOR TRIGGER SYSTEMS AND ASSOCIATED METHODS**
[54] **SYSTEME DE DECLENCHEMENT DE DISPOSITIF DE SURVEILLANCE D'ELECTROCARDIOGRAMME EN FORME DE BAGUE ET PROCEDES ASSOCIES**
[72] MARCUS, SEAN, US
[72] CHANG, CHRIS, US
[72] BASKERVILLE, SCOTT, US
[72] BALDA, ANTHONY, US
[71] MEDICOMP, INC., US
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[25] EN
[54] **MODULAR LED LIGHTING ASSEMBLY AND RELATED SYSTEMS AND METHODS**
[54] **ENSEMBLE D'ECLAIRAGE A LED MODULAIRE AINSI QUE SYSTEMES ET PROCEDES CONNEXES**
[72] PALMER, CHAD, US
[71] ENERGYFICIENT LIGHTING SYSTEMS, INC., US
[85] 2017-07-25
[86] 2016-01-26 (PCT/US2016/014963)
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[30] US (62/107,810) 2015-01-26
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[25] EN
[54] **ELECTROLYTIC CARTRIDGE, SYSTEMS AND METHODS OF USING SAME**
[54] **CARTOUCHE ELECTROLYTIQUE, SYSTEMES ET PROCEDES D'UTILISATION DE CETTE DERNIERE**
[72] SWARTZ, JAMES B., US
[72] MOYER, JAMES L., US
[72] HAZELWOOD, JOHN, US
[72] ROSSOM, JAMES D., US
[71] SPRAYING SYSTEMS CO., US
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[25] EN
[54] **FINGER RING ELECTROCARDIOGRAM MONITOR AND ASSOCIATED SYSTEMS AND METHODS**
[54] **MONITEUR D'ELECTROCARDIOGRAMME SOUS FORME DE BAGUE PORTEE AU DOIGT, ET SYSTEMES ET METHODES ASSOCIES**
[72] MARCUS, SEAN, US
[72] CHANG, CHRIS, US
[72] BASKERVILLE, SCOTT, US
[72] BALDA, ANTHONY, US
[71] MEDICOMP, INC., US
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[86] 2016-01-27 (PCT/US2016/015123)
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR IMPROVED COGNITION**
[54] **PROCEDES ET COMPOSITIONS POUR AMELIORER LA FONCTION COGNITIVE**
[72] DUBAL, DENA, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-07-25
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[30] US (62/113,300) 2015-02-06

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[54] **DISPOSITIF DE LEVAGE DE PYLONE**
[72] CHAPUT, LUKE JOSEPH, CA
[72] KROKOSZ, DOUGLAS COREY, CA
[71] AMPJACK INDUSTRIES LTD., CA
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[54] **PHYSIOLOGICAL PHANTOMS INCORPORATING FEEDBACK SENSORS AND SENSING MATERIALS**
[54] **FANTOMES PHYSIOLOGIQUES COMPRENANT DES CAPTEURS DE RETROACTION ET DES MATERIAUX DE DETECTION**
[72] KERINS, FERGAL, CA
[72] JAGGA, ARUN VICTOR, CA
[72] MAK, SIU WAI JACKY, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-07-26
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[25] EN
[54] **NAVIGATION BY BENDING FORCES**
[54] **NAVIGATION PAR FORCES DE FLEXION**
[72] FERREIRA, LOUIS, CA
[72] STOKES, MATTHEW, CA
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA
[85] 2017-07-26
[86] 2016-01-27 (PCT/CA2016/050064)
[87] (WO2016/123697)
[30] US (62/110,935) 2015-02-02

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[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING LIGHT REPRESENTATIVE OF A TARGET NATURAL LIGHT**
[54] **SYSTEME ET PROCEDE DE GENERATION DE LUMIERE REPRESENTATIVE D'UNE LUMIERE NATURELLE CIBLE**
[72] DUPRAS, GABRIEL, CA
[72] ROY-MOISAN, FRANCOIS, CA
[71] SOLLUM TECHNOLOGIES, CA
[85] 2017-07-26
[86] 2016-01-29 (PCT/CA2016/050076)
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[54] **WHEEL ASSEMBLIES WITH NON-PNEUMATIC TIRES**
[54] **ENSEMBLES ROUES DOTES DE PNEUS NON PNEUMATIQUES**
[72] SCHAEDLER, AXEL, US
[72] BUCHANAN, PETER J., US
[71] MTD PRODUCTS INC, US
[85] 2017-07-25
[86] 2016-01-27 (PCT/US2016/015055)
[87] (WO2016/123180)
[30] US (62/108,112) 2015-01-27
[30] US (14/729,495) 2015-06-03
[30] US (29/539,200) 2015-09-11

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[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **METHOD AND TERMINAL FOR IMPLEMENTING VIRTUAL CHARACTER TURNING**
[54] **PROCEDE ET TERMINAL POUR METTRE EN □UVRE UNE ROTATION DE CARACTERE VIRTUEL**
[72] TANG, YONG, CN
[72] LIAO, CHANGYAN, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2017-07-26
[86] 2016-02-01 (PCT/CN2016/073060)
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[30] CN (201510334763.4) 2015-06-16

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[25] EN
[54] **THERAPEUTIC AND DIAGNOSTIC AGENTS**
[54] **AGENTS DIAGNOSTIQUES ET THERAPEUTIQUES**
[72] HJERRILD, KATHRYN, US
[72] GEARING, DAVID, AU
[71] NEXVET AUSTRALIA PTY LTD, AU
[85] 2017-07-26
[86] 2016-01-29 (PCT/AU2016/050052)
[87] (WO2016/119023)
[30] AU (2015900260) 2015-01-29

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[13] A1
[51] **Int.Cl. A61B 5/02 (2006.01) A61B 5/04 (2006.01) A61B 5/0402 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMPROVED SIGNAL PROCESSING USING FINGER RING ELECTROCARDIOGRAM MONITORS**
[54] **SYSTEMES ET PROCEDES POUR TRAITEMENT DE SIGNAL AMELIORE A L'AIDE DE DISPOSITIFS DE SURVEILLANCE D'ELECTROCARDIOGRAMME D'ANNEAU PORTE AU DOIGT**
[72] MARCUS, SEAN, US
[72] CHANG, CHRIS, US
[72] BASKERVILLE, SCOTT, US
[72] BALDA, ANTHONY, US
[71] MEDICOMP, INC., US
[85] 2017-07-25
[86] 2016-01-27 (PCT/US2016/015103)
[87] (WO2016/123206)
[30] US (62/108,098) 2015-01-27

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[13] A1
[51] **Int.Cl. A61M 5/46 (2006.01) A61M 5/20 (2006.01) A61M 5/34 (2006.01)**
[25] EN
[54] **PEN NEEDLE HUB WITH A PATIENT CONTACT SURFACE**
[54] **EMBASE DE STYLO INJECTEUR DOTEE D'UNE SURFACE DE CONTACT AVEC LE PATIENT**
[72] SULLIVAN, SEAN, US
[72] HUANG, DAVID, US
[72] HILL, BRENDON, US
[72] SRINIVASAN, SUDARSAN, US
[72] RINI, CHRISTOPHER, US
[72] KLUG, RICHARD, US
[72] ROBERTS, BRUCE, US
[72] MOREL, DIDIER, US
[72] PETTIS, RONALD, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2017-07-25
[86] 2016-01-29 (PCT/US2016/015680)
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[30] US (62/109,826) 2015-01-30

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[51] **Int.Cl. C07D 401/04 (2006.01)**
[25] EN
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[54] **FORMES CRISTALLINES DE C21H22Cl2N4O2**
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[72] WELSCH, DEAN, US
[72] VLAHOVA, PETINKA I., US
[72] BOERRIGTER, STEPHAN X.M., US
[72] ARONOV, ALEXANDER, US
[72] KESHAVARZ-SHOKRI, ALI, US
[72] SCANGAS, ALEXANDER N., US
[72] STAVROPOULOS, KATHY, US
[72] LITTLER, BENJAMIN, US
[72] KADIYALA, IRINA NIKOLAEVNA, US
[72] ALARGOVA, ROSSITZA GUEORGUIEVA, US
[71] BIOMED VALLEY DISCOVERIES, INC., US
[71] VERTEX PHARMACEUTICALS INCORPORATED, US
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[30] US (62/110,449) 2015-01-30

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[51] **Int.Cl. B60L 15/20 (2006.01)**
[25] EN
[54] **CONTROL DEVICE FOR ELECTRIC MOTOR VEHICLE AND CONTROL METHOD FOR ELECTRIC MOTOR VEHICLE**
[54] **DISPOSITIF DE COMMANDE DE VEHICULE ELECTRIQUE ET PROCEDE DE COMMANDE DE VEHICULE ELECTRIQUE**
[72] SAWADA, AKIRA, JP
[72] ITO, KEN, JP
[72] NAKAJIMA, TAKASHI, JP
[72] KATSUMATA, YUJI, JP
[72] KOMATSU, HIROYUKI, JP
[71] NISSAN MOTOR CO., LTD., JP
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[86] 2015-01-26 (PCT/JP2015/052080)
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[51] **Int.Cl. H01M 10/659 (2014.01) H01M 10/625 (2014.01) C09K 5/06 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **BATTERY PACK**
[54] **BLOC BATTERIE**
[72] LEBREUX, NORMAND, CA
[72] MENARD, ERIC, CA
[71] CONSORTIUM DE RECHERCHE BRP - UNIVERSITE DE SHERBROOKE S.E.N.C., CA
[85] 2017-07-26
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[30] US (62/109,970) 2015-01-30

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[51] **Int.Cl. B60T 8/17 (2006.01) B60L 15/20 (2006.01) B60T 7/12 (2006.01) B60W 40/10 (2012.01)**
[25] EN
[54] **CONTROL DEVICE FOR VEHICLE AND CONTROL METHOD FOR VEHICLE**
[54] **DISPOSITIF ET PROCEDE DE COMMANDE DE VEHICULE**
[72] KOMATSU, HIROYUKI, JP
[72] ITO, KEN, JP
[72] NAKAJIMA, TAKASHI, JP
[72] KATSUMATA, YUJI, JP
[72] SAWADA, AKIRA, JP
[71] NISSAN MOTOR CO., LTD., JP
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[25] EN
[54] **ASTERISCUS GRAVEOLENS EXTRACTS AND USE THEREOF**
[54] **EXTRAITS D'ASTERISCUS GRAVEOLENS ET UTILISATION CORRESPONDANTE**
[72] RAMOT, OFIR, IL
[72] HAVAS, FABIEN, IL
[72] KALO, EYAL, IL
[72] VON OPPEN-BEZALEL, LIKI, DE
[72] ARNON, RAFFI, IL
[72] BEN-CHITRIT, OLGA, IL
[72] PERRY, INON, IL
[71] I.B.R. ISRAELI BIOTECHNOLOGY RESEARCH LTD., IL
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[30] US (62/110,634) 2015-02-02
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[13] A1
[51] **Int.Cl. B60L 15/20 (2006.01)**
[25] EN
[54] **CONTROL DEVICE FOR ELECTRIC MOTOR VEHICLE AND CONTROL METHOD FOR ELECTRIC MOTOR VEHICLE**
[54] **DISPOSITIF DE COMMANDE POUR VEHICULE ELECTRIQUE, ET PROCEDE DE COMMANDE POUR VEHICULE ELECTRIQUE**
[72] SAWADA, AKIRA, JP
[72] ITO, KEN, JP
[72] NAKAJIMA, TAKASHI, JP
[72] KATSUMATA, YUJI, JP
[72] KOMATSU, HIROYUKI, JP
[71] NISSAN MOTOR CO., LTD., JP
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[51] **Int.Cl. A61M 37/00 (2006.01) B81B 1/00 (2006.01)**
[25] EN
[54] **MICRONEEDLE PATCH, METHOD FOR MANUFACTURING SAME, AND APPARATUS FOR MANUFACTURING MICRONEEDLE ARRAY**
[54] **TIMBRE A MICRO-AIGUILLES, SON PROCEDE DE FABRICATION ET APPAREIL POUR LA FABRICATION D'UN RESEAU DE MICRO-AIGUILLES**
[72] ONO, ICHIRO, JP
[72] YAMADA, SHINYA, JP
[72] CHIYAMA, MASATERU, JP
[72] AKITA, KENSAKU, JP
[72] UENO, TAKAKO, JP
[72] IDE, YUKO, JP
[72] NAGAI, SACHI, JP
[72] AKAO, OSANOBU, JP
[72] TAKADA, KANJI, JP
[71] LABO JUVERSA CO., LTD., JP
[71] BIOSERENTACH CO., LTD., JP
[85] 2017-07-26
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[51] **Int.Cl. C22C 38/00 (2006.01) C21D 9/46 (2006.01) C22C 38/06 (2006.01)**
[25] EN
[54] **STEEL SHEET FOR CROWN CAP, METHOD FOR MANUFACTURING STEEL SHEET FOR CROWN CAP, AND CROWN CAP**
[54] **PLAQUE D'ACIER POUR CAPSULE-COURONNE AINSI QUE PROCEDE DE FABRICATION DE CELLE-CI, ET CAPSULE-COURONNE**
[72] TANAKA, TAKUMI, JP
[72] HIRAGUCHI, TOMONARI, JP
[72] KOJIMA, KATSUMI, JP
[72] NAKAMARU, HIROKI, JP
[72] KARIYA, NOBUSUKE, JP
[71] JFE STEEL CORPORATION, JP
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[25] EN
[54] **TERMINAL DEVICE, BASE STATION DEVICE, COMMUNICATION METHOD, AND INTEGRATED CIRCUIT**
[54] **DISPOSITIF DE TERMINAL, DISPOSITIF DE STATION DE BASE, PROCEDE DE COMMUNICATION ET CIRCUIT INTEGRE**
[72] AIBA, TATSUSHI, JP
[72] SUZUKI, SHOICHI, JP
[72] YOKOMAKURA, KAZUNARI, JP
[72] TAKAHASHI, HIROKI, JP
[71] SHARP KABUSHIKI KAISHA, JP
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[86] 2016-01-08 (PCT/JP2016/050466)
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[25] EN
[54] **ACRYLIC BLOCK COPOLYMER AND ADHESIVE COMPOSITION**
[54] **COPOLYMERE SEQUENCE ACRYLIQUE ET COMPOSITION ADHESIVE SENSIBLE A LA PRESSION**
[72] NAKADA, KANAYO, JP
[72] MORISHITA, YOSHIHIRO, JP
[71] KURARAY CO., LTD., JP
[85] 2017-07-26
[86] 2016-01-21 (PCT/JP2016/051641)
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[51] **Int.Cl. G06F 11/20 (2006.01) H04L 12/70 (2013.01) G06F 9/46 (2006.01)**
[25] EN
[54] **MANAGEMENT OF NETWORK FUNCTIONS VIRTUALIZATION AND ORCHESTRATION APPARATUS, SYSTEM, MANAGEMENT METHOD, AND PROGRAM**
[54] **DISPOSITIF DE GESTION ET D'ORCHESTRATION DE VIRTUALISATION DE FONCTIONS DE RESEAU, SYSTEME, PROCEDE DE GESTION ET PROGRAMME**
[72] ZEMBUTSU, HAJIME, JP
[72] OOHIRA, MAYO, JP
[72] GOKURAKUJI, JUNICHI, JP
[72] SHINOZAWA, HIROKAZU, JP
[72] KIKUCHI, YOSHIKI, JP
[71] NEC CORPORATION, JP
[85] 2017-07-26
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[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/497 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING PYRAZINECARBOXAMIDE COMPOUND AND SYNTHETIC INTERMEDIATE THEREOF**
[54] **PROCEDE DE PRODUCTION D'UN COMPOSE PYRAZINE CARBOXAMIDE, ET INTERMEDIAIRE DE SYNTHESE DE CE DERNIER**
[72] AKIBA, TAKAHIRO, JP
[72] HOSHII, HIROAKI, JP
[72] SHIMADA, ITSURO, JP
[72] KOMENOI, KOUSUKE, JP
[72] NISHIKAWA, KENTARO, JP
[72] MORINAGA, YASUHIRO, JP
[71] ASTELLAS PHARMA INC., JP
[85] 2017-07-26
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[25] EN
[54] **METHOD OF EXTRACTING UNDERGROUND RESOURCES BY USING HYDROLYSABLE PARTICLES**
[54] **PROCEDE POUR L'EXPLOITATION MINIERE DE RESSOURCES SOUTERRAINES A L'AIDE DE PARTICULES HYDROLYSABLES**
[72] YOSHIKAWA, SEISHI, JP
[72] KATAYAMA, TSUTAKI, JP
[71] TOYO SEIKAN GROUP HOLDINGS, LTD., JP
[85] 2017-07-26
[86] 2016-02-04 (PCT/JP2016/053401)
[87] (WO2016/129501)
[30] JP (2015-025590) 2015-02-12
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[51] **Int.Cl. C09J 201/00 (2006.01) B29C 65/48 (2006.01) C09J 11/04 (2006.01)**
[25] EN
[54] **ADHESIVE AND STRUCTURE, AND ADHESION METHOD**
[54] **ADHESIF ET STRUCTURE, ET PROCEDE DE LIAISON**
[72] TAKAYANAGI, TOSHIYUKI, JP
[72] ISHIKAWA, NAOMOTO, JP
[72] HORIZONO, HIDEKI, JP
[72] KAMIHARA, NOBUYUKI, JP
[72] MURAOKA, MIKIO, JP
[72] HAYASHI, HIROAKI, JP
[72] YOSHIDA, OSAMU, JP
[72] TSUJI, KOTARO, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[71] AKITA UNIVERSITY, JP
[71] TSUCHIYA CO., LTD., JP
[85] 2017-07-26
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[51] **Int.Cl. H03M 13/09 (2006.01) H03M 13/11 (2006.01)**
[25] EN
[54] **TRANSMITTER AND ADDITIONAL PARITY GENERATING METHOD THEREOF**
[54] **EMETTEUR, ET PROCEDE DE GENERATION DE BITS DE PARITE SUPPLEMENTAIRES CORRESPONDANT**
[72] JEONG, HONG-SIL, KR
[72] KIM, KYUNG-JOONG, KR
[72] MYUNG, SE-HO, KR
[71] SAMSUNGS ELECTRONIC CO., LTD., KR
[85] 2017-07-26
[86] 2016-02-15 (PCT/KR2016/001506)
[87] (WO2016/129975)
[30] US (62/115,810) 2015-02-13
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[30] US (62/202,304) 2015-08-07
[30] KR (10-2015-0137191) 2015-09-27

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[13] A1
[51] **Int.Cl. C25C 3/12 (2006.01) C25C 3/16 (2006.01)**
[25] EN
[54] **AN ANODE FOR USE IN AN ELECTROLYSIS PROCESS FOR PRODUCTION OF ALUMINIUM IN CELLS OF HALL-HEROULT TYPE, AND A METHOD FOR MAKING SAME**
[54] **ANODE DESTINEE A ETRE UTILISEE DANS UN PROCEDE D'ELECTROLYSE POUR LA PRODUCTION D'ALUMINIUM DANS DES CELLULES DU TYPE HALL-HEROULT ET PROCEDE PERMETTANT DE FABRIQUER CETTE DERNIERE**
[72] HOP, JORUND, NO
[72] VEE, INGE ARILD, NO
[72] STEFANSKI, GRZEGORZ, NO
[72] LILLEBY, ANDERS, NO
[72] KUEPPERS, HANS, DE
[72] TEIGEN, PER JOHNNY, NO
[72] HJELLE, VIDAR, NO
[71] NORSK HYDRO ASA, NO
[85] 2017-07-26
[86] 2016-02-09 (PCT/NO2016/000005)
[87] (WO2016/130014)
[30] NO (20150224) 2015-02-13

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[51] **Int.Cl. A47J 31/40 (2006.01) B65D 51/28 (2006.01)**
[25] EN
[54] **MULTIPLE DOSING DEVICE AND MAGAZINE**
[54] **DISPOSITIF DE DOSAGE MULTIPLE ET CHARGEUR**
[72] GUDMUNDSSON, JONAS, SE
[71] EKBERG EMBALLAGE AB, SE
[85] 2017-07-26
[86] 2015-09-29 (PCT/SE2015/051026)
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[30] SE (1550092-9) 2015-01-30

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[51] **Int.Cl. B60W 40/09 (2012.01) G06Q 40/08 (2012.01) G01C 21/36 (2006.01)**
[25] EN
[54] **RISK UNIT BASED POLICIES**
[54] **POLICES A BASE D'UNITES DE RISQUE**
[72] BIEMER, EDWARD A., US
[72] IREY, GRADY, US
[72] STYRSKY, CARYL M., US
[71] ALLSTATE INSURANCE COMPANY, US
[85] 2017-07-26
[86] 2016-01-13 (PCT/US2016/013192)
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[30] US (14/607,636) 2015-01-28

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[51] **Int.Cl. G06Q 40/08 (2012.01)**
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[54] **RISK UNIT BASED POLICIES**
[54] **REGLEMENTS BASES SUR UNE UNITE DE RISQUE**
[72] BIEMER, EDWARD A., US
[72] IREY, GRADY, US
[72] STYRSKY, CARYL M., US
[71] ALLSTATE INSURANCE COMPANY, US
[85] 2017-07-26
[86] 2016-01-13 (PCT/US2016/013201)
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[30] US (14/607,662) 2015-01-28

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[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/13 (2012.01) G06K 19/077 (2006.01)**
[25] EN
[54] **MULTI-COIL RFID SENSOR ASSEMBLY**
[54] **ENSEMBLE DE CAPTEURS RFID A BOBINES MULTIPLES**
[72] ROBERSON, MARK W., US
[72] BARTEE, CHARLES, US
[72] RAVI, KRISHNA M., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-26
[86] 2015-03-03 (PCT/US2015/018480)
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[51] **Int.Cl. G06Q 40/08 (2012.01)**
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[54] **ROAD SEGMENT SAFETY RATING**
[54] **EVALUATION DE LA SECURITE D'UN TRONCON DE ROUTE**
[72] JORDAN PETERS, JULIE A., US
[72] FERGUSON, DANA, US
[72] MADIGAN, REGINA, US
[72] MCKENNA, THOMAS, US
[71] ALLSTATE INSURANCE COMPANY, US
[85] 2017-07-26
[86] 2016-01-13 (PCT/US2016/013204)
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[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/00 (2006.01) C12N 15/09 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **LIGATION ASSAYS IN LIQUID PHASE**
[54] **ESSAIS DE LIGATURE EN PHASE LIQUIDE**
[72] STEVENS, ANTHONY, US
[72] SELIGMANN, BRUCE, US
[72] YEAKLEY, JOANNE, M., US
[72] MCCOMB, JOEL, US
[71] BIOSPYDER TECHNOLOGIES, INC., US
[85] 2017-07-26
[86] 2016-01-26 (PCT/US2016/014999)
[87] (WO2016/123154)
[30] US (62/108,161) 2015-01-27
[30] US (14/788,670) 2015-06-30

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[51] **Int.Cl. A23L 2/60 (2006.01)**
[25] EN
[54] **OLIGOSACCHARIDE COMPOSITIONS FOR USE AS FOOD INGREDIENTS AND METHODS OF PRODUCING THEREOF**
[54] **COMPOSITIONS A BASE D'OLIGOSACCHARIDES DESTINEES A ETRE UTILISEES COMME INGREDIENTS ALIMENTAIRES ET PROCEDES DE PRODUCTION DE CELLES-CI**
[72] GEREMIA, JOHN M., US
[72] MARDIROSIAN, RAFFI, US
[72] GIDDING, MICHAEL J., US
[71] CADENA BIO, INC., US
[85] 2017-07-26
[86] 2016-01-13 (PCT/US2016/013265)
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[51] **Int.Cl. A61M 21/02 (2006.01) A61F 7/02 (2006.01) A61F 13/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUSES FOR MODULATING SLEEP BY CHEMICAL ACTIVATION OF TEMPERATURE RECEPTORS**
[54] **PROCEDE ET APPAREILS DE MODULATION DU SOMMEIL PAR L'ACTIVATION CHIMIQUE DES THERMORECEPTEURS**
[72] NOFZINGER, ERIC A., US
[72] SCHIRM, JEFFREY J., US
[72] RIPPOLE, DAMIAN F., US
[72] REYNOLDS, CRAIG B., US
[72] TUCKER, ROBERT E., US
[71] EBB THERAPEUTICS, INC., US
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[30] US (62/108,461) 2015-01-27

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[51] **Int.Cl. C07H 3/06 (2006.01)**
[25] EN
[54] **OLIGOSACCHARIDE COMPOSITIONS FOR USE IN NUTRITIONAL COMPOSITIONS, AND METHODS OF PRODUCING THEREOF**
[54] **COMPOSITIONS D'OLIGOSACCHARIDES DESTINEES A ETRE UTILISEES DANS DES COMPOSITIONS NUTRITIONNELLES, ET PROCEDES DE PRODUCTION DESDITES COMPOSITIONS**
[72] GEREMIA, JOHN M., US
[71] MIDORI USA, INC., US
[85] 2017-07-26
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[30] US (62/108,038) 2015-01-26

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[51] **Int.Cl. A23K 10/00 (2016.01)**
[25] EN
[54] **OLIGOSACCHARIDE COMPOSITIONS FOR USE ANIMAL FEED AND METHODS OF PRODUCING THEREOF**
[54] **COMPOSITIONS A BASE D'OLIGOSACCHARIDES DESTINEES A ETRE UTILISEES COMME ALIMENT POUR ANIMAUX ET PROCEDES DE PRODUCTION DE CELLES-CI**
[72] GEREMIA, JOHN M., US
[72] MARDIROSIAN, RAFFI, US
[72] GIDDING, MICHAEL J., US
[72] MURPHY, ANASTASIA V., US
[71] CADENA BIO, INC., US
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[86] 2016-01-13 (PCT/US2016/013280)
[87] (WO2016/122887)
[30] US (62/108,037) 2015-01-26
[30] US (62/216,945) 2015-09-10
[30] US (62/216,952) 2015-09-10
[30] US (62/255,341) 2015-11-13
[30] US (62/255,343) 2015-11-13

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[51] **Int.Cl. H01T 13/14 (2006.01) H01T 13/38 (2006.01)**
[25] EN
[54] **SPARK PLUG INSULATOR HAVING AN ANTI-FOULING COATING AND METHODS FOR MINIMIZING FOULING**
[54] **ISOLATEUR DE BOUGIE D'ALLUMAGE AVEC REVETEMENT ANTI-ENCRASSEMENT ET PROCEDES POUR MINIMISER L'ENCRASSEMENT**
[72] ZHENG, JING, US
[72] BOEHLER, JEFFREY T., US
[72] MEGHARAJ, PRABHU, US
[72] TREIER, PHILIP, US
[71] FRAM GROUP IP, LLC, US
[85] 2017-07-26
[86] 2016-01-28 (PCT/US2016/015317)
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[30] US (62/109,133) 2015-01-29

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[51] **Int.Cl. A47C 1/02 (2006.01) A47C 7/72 (2006.01) A47C 31/00 (2006.01) G11C 11/4091 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **OCCUPANCY DETECTION AND CAPACITIVE SENSING FOR AUTOMATED RECLINER FURNITURE**
[54] **DETECTION D'OCCUPATION ET DETECTION DE CAPACITE POUR MEUBLE INCLINABLE AUTOMATIQUE**
[72] CHACON, RYAN EDWARD, US
[72] ROHR, WILLIAM ROBERT, US
[72] MADADI, AVINASH, US
[72] LAWSON, GREGORY MARK, US
[71] L & P PROPERTY MANAGMENT COMPANY, US
[85] 2017-07-26
[86] 2016-01-28 (PCT/US2016/015358)
[87] (WO2016/123339)
[30] US (14/608,173) 2015-01-28
[30] US (14/608,170) 2015-01-28

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[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) C12N 15/861 (2006.01)**
[25] EN
[54] **COMPOUNDS, COMPOSITIONS, AND METHODS FOR USING HLA-F**
[54] **COMPOSES, COMPOSITIONS ET PROCEDES D'UTILISATION D'HLA-F**
[72] KASPAR, BRIAN, US
[71] THE RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL, US
[85] 2017-07-26
[86] 2016-01-20 (PCT/US2016/014121)
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[30] US (62/107,866) 2015-01-26
[30] US (62/247,956) 2015-10-29

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[51] **Int.Cl. G05D 1/00 (2006.01) H02J 50/10 (2016.01) B60L 9/08 (2006.01) G01R 29/08 (2006.01) H02J 7/02 (2016.01)**
[25] EN
[54] **IN-SITU POWER CHARGING**
[54] **CHARGE D'ALIMENTATION IN SITU**
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[71] LOCKHEED MARTIN CORPORATION, US
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[54] **RESEAU ET PROTOCOLE DE COMMUNICATION DYNAMIQUE SECURISEE**
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[72] VERZUN, LEVGEN, UA
[72] OLEKSANDR, GOLUB, UA
[71] ADVENTIVE IPBANK, US
[71] WILLIAMS, RICHARD K., US
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[54] **SYSTEM AND METHOD FOR RESTARTING A WIND TURBINE USING CLEAN ENERGY**
[54] **SYSTEME ET PROCEDE DE REDEMARRAGE D'UNE D'EOLIENNE A L'AIDE D'ENERGIE PROPRE**
[72] LAVIGNE-OTTMAN, DAWN, US
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[25] EN
[54] **RADIO-FREQUENCY ELECTRICAL MEMBRANE BREAKDOWN FOR THE TREATMENT OF HIGH RISK AND RECURRENT PROSTATE CANCER, UNRESECTABLE PANCREATIC CANCER, TUMORS OF THE BREAST, MELANOMA OR OTHERSKIN MALIGNANCIES, SARCOMA, SOFT TISSUE TUMORS, DUCTAL CARCINOMA, NEOPLASIA, AND INTRA AND EXTRA LUMINAL ABNORMAL TISSUE**
[54] **RUPTURE DE MEMBRANE ELECTRIQUE PAR RADIO-FREQUENCE POUR LE TRAITEMENT DU CANCER DE LA PROSTATE RECURRENT OU A HAUT RISQUE, DU CANCER DU PANCREAS NE POUVANT PAS SUBIR DE RESECTION,DES TUMEURS DU SEIN, D'UN MELANOME OU AUTRES TUMEURS MALIGNES DE LA PEAU, DES SARCOMES, DES TUMEURS DE TISSU MOU, DES CARCINOMES INTRACANALAIRES, D'UNE NEOPLASIE ET DU TISSU ANOR**
[72] ONIK, GARY M., US
[72] MIESSAU, JAMES A., US
[72] BOSTWICK, DAVID G., US
[71] RFEMB HOLDINGS, LLC, US
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[54] **CONTROL OF A COMPUTER VIA DISTORTIONS OF FACIAL GEOMETRY**
[54] **COMMANDE D'UN ORDINATEUR PAR L'INTERMEDIAIRE DE DISTORSIONS DE LA GEOMETRIE FACIALE**
[72] MOFFAT, BRIAN LEE, US
[72] CHEN, RIN IN, US
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[71] CHEN, RIN IN, US
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[25] EN
[54] **PRODUCTION OF GLAZED, HIGH DENSITY ENGINEERED SURFACE PRODUCTS**
[54] **PRODUCTION DE PRODUITS PRESENTANT UNE SURFACE DE HAUTE TECHNOLOGIE, VERNIE, DE HAUTE DENSITE**
[72] DELORENZO, JOSEPH F., US
[71] DELORENZO, JOSEPH F., US
[85] 2017-07-26
[86] 2016-02-02 (PCT/US2016/016179)
[87] (WO2016/126709)
[30] US (62/113,286) 2015-02-06
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[25] EN
[54] **HIGH ENERGY SEVERING TOOL WITH PRESSURE BALANCED EXPLOSIVES**
[54] **OUTIL DE COUPE A HAUTE ENERGIE AYANT DES EXPLOSIFS A PRESSION EQUILIBREE**
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[72] RAIRIGH, JAMES, G., US
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[54] **COMPOSITIONS AND METHODS FOR T CELL DELIVERY OF THERAPEUTIC MOLECULES**
[54] **COMPOSITIONS ET PROCEDES D'ADMINISTRATION A DES CELLULES T DE MOLECULES THERAPEUTIQUES**
[72] ZHAO, YANGBING, US
[72] JUNE, CARL, H., US
[72] LIU, XIAOJUN, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[54] **A NETWORKED COMPUTER SYSTEM FOR REMOTE RFID DEVICE MANAGEMENT AND TRACKING**
[54] **SYSTEME INFORMATIQUE EN RESEAU POUR UNE GESTION ET UN SUIVI DE DISPOSITIF D'IDENTIFICATION PAR RADIOFREQUENCE (RFID) A DISTANCE**
[72] SHOPE, DANIEL LEE, US
[72] SULFARE, JAMES HENRY, JR., US
[72] NEIL, NATHAN JAMES, US
[71] PURPLE DECK MEDIA, INC., US
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[54] **TRAILER TAILGATE STABILIZING MECHANISM**
[54] **MECANISME DE STABILISATION DE HAYON DE REMORQUE**
[72] MAERTENS, ANDREW JOSEPH, CA
[72] KLOEPFER, MICHAEL, CA
[71] TITAN TRAILERS INC., CA
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[54] **PROTECTION D'ANODE**
[72] MARSHALL, MICHAEL, US
[72] BROWN, JEFF, US
[71] VISION EASE, LP, US
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[54] **DOWNHOLE FLOW DIVERSION DEVICE WITH OSCILLATION DAMPER**
[54] **DISPOSITIF DE DEVIATION D'ECOULEMENT DE FOND DE TROU AVEC AMORTISSEUR D'OSCILLATIONS**
[72] CRAMER, DAVID S., CA
[72] HARVEY, MICHAEL J., CA
[72] DEVLIN, DAVID D., CA
[71] GENERAL DOWNHOLE TECHNOLOGIES LTD., CA
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[54] **PERSONAL CLEANING CARE APPLIANCE**
[54] **INSTRUMENT POUR NETTOYAGE ET SOINS PERSONNELS**
[72] DAI, XIAOGUO, CN
[72] XU, ZHENWU, CN
[72] DAI, LING, CN
[71] SHANGHAI SHIFT ELECTRICS CO.,LTD., CN
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[54] **VANNE A VOIES MULTIPLES**
[72] WAN, MINGMIN, CN
[72] YAO, JIANSHE, CN
[72] GAO, ZHI, CN
[72] LI, XUEFU, CN
[72] CHEN, YUNZHAO, CN
[71] WUHU KING-BULL INFORTEC PETROLEUM EQUIPMENT CO., LTD, CN
[71] KELAMAYI KING-BULL INFORTEC PETROLEUM EQUIPMENT CO., LTD., CN
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[54] **SULFONAMIDE-SUBSTITUTED INDOLE MODULATORS OF RORC2 AND METHODS OF USE THEREOF**
[54] **MODULATEURS INDOLE DE RORC2 SUBSTITUES PAR SULFONAMIDE ET LEURS PROCEDES D'UTILISATION**
[72] SCHNUTE, MARK EDWARD, US
[72] FLICK, ANDREW CHRISTOPHER, US
[72] JONES, PETER, US
[72] KAILA, NEELU, US
[72] MENTE, SCOT RICHARD, US
[72] TRZUPEK, JOHN DAVID, US
[72] VAZQUEZ, MICHAEL L., US
[72] XING, LI, US
[72] ZHANG, LIYING, US
[72] WENNERSTAL, GORAN MATTIAS, SE
[72] ZAMARATSKI, EDOUARD, SE
[71] PFIZER INC., US
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[54] **MONODISPERSE TRANSITION METAL NANO-CATALYST FOR FISCHER-TROPSCH SYNTHESIS AND PREPARATION METHOD THEREFOR AND APPLICATION THEREOF**
[54] **NANOPARTICULES MONODISPERSES DE CATALYSEUR METAL DE TRANSITION POUR SYNTHESE FISCHER-TROPSCH, PROCEDE DE PREPARATION ET APPLICATION CORRESPONDANTES**
[72] CHEN, YILONG, CN
[72] ZHENG, SHENKE, CN
[72] CHEN, JIANGANG, CN
[72] SONG, DECHEN, CN
[72] ZHAN, XIAODONG, CN
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[54] **COMPUTERIZED SYSTEMS AND METHODS FOR SALES AND MARKETING PROCESS MANAGEMENT**
[54] **SYSTEMES INFORMATISES ET PROCEDES PERMETTANT LA GESTION DE PROCESSUS DE VENTE ET DE MARKETING**
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[71] OSTANIK, MATTHEW T., US
[71] 100INSIGHTS, INC., US
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[54] **ADAPTATEUR RESEAU VIRTUEL MULTI-TUNNELS**
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[72] ALLANSSON, PER JOHAN, SE
[71] CRYPTZONE NORTH AMERICA, INC., US
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[54] **COMPOSITION DE PEPTIDE D'OLEANOYLE ET AUGMENTATION DU COLLAGENE**
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[72] NAGABHUSHANAM, KALYANAM, US
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[54] **SEPARATION D'HYDROCARBURES A L'AIDE D'UN ADSORBANT MACROPOREUX REGENERABLE A LIAISON ALKYLENE**
[72] RODGERS, MATTHEW L., US
[72] KERN, BRANDON J., US
[72] MATTEUCCI, SCOTT T., US
[72] GOLTZ, H. ROBERT, US
[72] GISCH, DARYL J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[25] EN
[54] **PESTICIDAL MIXTURE COMPRISING A PYRAZOLE COMPOUND, AN INSECTICIDE AND A FUNGICIDE**
[54] **MELANGE PESTICIDE COMPRENANT UN COMPOSE PYRAZOLE, UN INSECTICIDE ET UN FONGICIDE**
[72] WILHELM, RONALD, DE
[72] MAZUIR, FLORENT, DE
[72] SOERGEL, SEBASTIAN, DE
[71] BASF SE, DE
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[54] **EPCAM APTAMERS AND CONJUGATES THEREOF**
[54] **APTAMERES D'EPCAM ET CONJUGUES DESDITS APTAMERES**
[72] SHIGDAR, SARAH, AU
[71] DEAKIN UNIVERSITY, AU
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[25] EN
[54] **VECTOR CO-EXPRESSING VACCINE AND COSTIMULATORY MOLECULES**
[54] **VECTEUR CO-EXPRIMANT UN VACCIN ET DES MOLECULES CO-STIMULANTES**
[72] SCHREIBER, TAYLOR, US
[72] FROMM, GEORGE, US
[71] HEAT BIOLOGICS, INC., US
[85] 2017-07-26
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[54] **SULFONYLUREAS AND RELATED COMPOUNDS AND USE OF SAME**
[54] **SULFONYLUREES, COMPOSES APPARENTES, ET LEUR UTILISATION**
[72] O'NEILL, LUKE, IE
[72] COLL, REBECCA, AU
[72] COOPER, MATT, AU
[72] ROBERTSON, AVRIL, AU
[72] SCHRODER, KATE, AU
[71] THE UNIVERSITY OF QUEENSLAND, AU
[71] THE PROVOST, FELLOWS, FOUNDATION SCHOLARS, AND THE OTHER MEMBERS OF BOARD, OF THE COLLEGE OF THE HOLY AND UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN, IE
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[54] **SYSTEMS AND METHODS FOR HIGH-RESOLUTION IMAGING**
[54] **SYSTEMES ET PROCEDES D'IMAGERIE A HAUTE RESOLUTION**
[72] YUAN, BAOHONG, US
[72] CHENG, BINGBING, US
[72] WEI, MINGYUAN, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **FORMWORK SEGMENT**
[54] **SEGMENT DE COFFRAGE**
[72] BOTELLO ROJAS, FAIVER, ES
[72] OSORIO MUNOZ, BLADIMIR, ES
[72] INAREJOS MESA, JAVIER, ES
[71] ACCIONA INFRAESTRUCTURAS, S.A., ES
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[54] **INSTALLATION DE CULTURE HYDROPONIQUE**
[72] BELMONTE MULA, MANUELA, ES
[71] NEW GROWING SYSTEMS, S.L., ES
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[54] **SYSTEME DE SUPPORT ET DE RETENUE DE LA TETE ET DU COU**
[72] COOK, JONATHAN, US
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[25] EN
[54] **METHOD OF TREATING DISORDERS REQUIRING DESTRUCTION OR REMOVAL OF CELLS USING A NEURAL THREAD PROTEIN DERIVED PEPTIDE**
[54] **METHODE DE TRAITEMENT D'AFFECTIONS NECESSITANT LA DESTRUCTION OU L'ELIMINATION DE CELLULES A L'AIDE D'UN PEPTIDE DERIVE DE LA PROTEINE NTP**
[72] AVERBACK, PAUL, BS
[71] NYMOX PHARMACEUTICAL CORPORATION, CA
[85] 2017-07-27
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[87] (WO2016/120807)
[30] US (14/606,683) 2015-01-27

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[51] **Int.Cl. C12Q 1/68 (2006.01) A61K 31/7052 (2006.01) A61K 31/713 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR MONITORING, DIAGNOSIS, PROGNOSIS, DETECTION, AND TREATMENT OF CANCER**
[54] **COMPOSITIONS ET METHODES POUR LA SURVEILLANCE, LE DIAGNOSTIC, LE PRONOSTIC, LA DETECTION ET LE TRAITEMENT DU CANCER**
[72] SHRIVASTAVA, SHIVANI, US
[71] GLAX LLC, US
[85] 2017-07-27
[86] 2016-02-01 (PCT/IB2016/050495)
[87] (WO2016/120853)
[30] US (62/110,153) 2015-01-30

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[51] **Int.Cl. G01C 22/00 (2006.01) G01P 15/00 (2006.01) G01P 15/18 (2013.01)**
[25] EN
[54] **A SYSTEM FOR AND A METHOD OF MEASURING A PATH LENGTH USING A HANDHELD ELECTRONIC DEVICE**
[54] **SYSTEME ET PROCEDE PERMETTANT DE MESURER UNE LONGUEUR DE TRAJET A L'AIDE D'UN DISPOSITIF ELECTRONIQUE PORTATIF**
[72] RADAI, MICHAL MIRIAM, IL
[72] ITZHAK, MENI MENASHE, IL
[71] MY SIZE ISRAEL 2014 LTD., IL
[85] 2017-07-27
[86] 2016-02-02 (PCT/IL2016/050114)
[87] (WO2016/125151)
[30] IL (237055) 2015-02-02

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[51] **Int.Cl. G02B 27/01 (2006.01) G02B 27/22 (2006.01) G02B 5/18 (2006.01)**
[25] EN
[54] **VIRTUAL AND AUGMENTED REALITY SYSTEMS AND METHODS HAVING IMPROVED DIFFRACTIVE GRATING STRUCTURES**
[54] **SYSTEMES ET PROCEDES DE REALITE VIRTUELLE ET AUGMENTEE AYANT DES STRUCTURES DE RESEAU DE DIFFRACTION AMELIOREES**
[72] TEKOLSTE, ROBERT D., US
[72] KLUG, MICHAEL A., US
[72] GRECO, PAUL M., US
[72] SCHOWENGERDT, BRIAN T., US
[71] MAGIC LEAP, INC., US
[85] 2017-07-20
[86] 2016-01-26 (PCT/US2016/014988)
[87] (WO2016/123145)
[30] US (62/107,977) 2015-01-26

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[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR RAPID DETECTION OF SALMONELLA**
[54] **COMPOSITIONS ET PROCEDES DE DETECTION RAPIDE DE SALMONELLE**
[72] PETERS, LARS E., US
[72] DUTTA, VIKRANT, US
[72] GUERRETTE, THOMAS, US
[72] JUDICE, STEPHEN A., US
[72] PARKER, BRECK O., US
[71] ENVIROLOGIX, INC., US
[85] 2017-07-27
[86] 2015-04-22 (PCT/US2015/027036)
[87] (WO2016/122698)
[30] US (62/110,268) 2015-01-30

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[51] **Int.Cl. E02D 29/02 (2006.01)**
[25] EN
[54] **A RETAINING WALL METHOD OF PRECAST BLOCK TO PREVENT LANDSLIDE**
[54] **PROCEDE POUR MUR DE SOUTENEMENT DE BLOCS PREFABRIQUES POUR EMPECHER LES GLISSEMENTS DE TERRAIN**
[72] LADKAT, RAJENDRA VITHAL, IN
[71] LADKAT, RAJENDRA VITHAL, IN
[85] 2017-07-27
[86] 2016-02-19 (PCT/IN2016/000045)
[87] (WO2016/132380)
[30] IN (2677/MUM/2014) 2015-02-21

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[51] **Int.Cl. C12N 15/52 (2006.01)**
[25] EN
[54] **MICROBIAL ERGOTHIONEINE BIOSYNTHESIS**
[54] **BIOXYNTHESE D'ERGOTHIONEINE MICROBIENNE**
[72] HAN, JIXIANG, US
[72] CHEN, HUI, US
[72] YU, OLIVER, US
[71] CONAGEN INC., US
[85] 2017-07-27
[86] 2015-04-28 (PCT/US2015/027977)
[87] (WO2015/168112)
[30] US (61/985,778) 2014-04-29

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[51] **Int.Cl. B32B 15/14 (2006.01) B32B 27/00 (2006.01)**
[25] EN
[54] **COMPOSITE OF COATED, SHAPED METAL MATERIAL AND CLOTH CONTAINING CHEMICAL FIBERS, AND METHOD FOR MANUFACTURING SAME**
[54] **COMPOSITE DE MATERIAU METALLIQUE MIS EN FORME REVETU ET TISSU CONTENANT DES FIBRES CHIMIQUES, ET PROCEDE DE FABRICATION ASSOCIE**
[72] MORIKAWA, SHIGEYASU, JP
[72] FUJII, TAKAHIRO, JP
[71] NISSHIN STEEL CO., LTD., JP
[85] 2017-07-27
[86] 2016-01-26 (PCT/JP2016/000361)
[87] (WO2016/125449)
[30] JP (2015-020261) 2015-02-04

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[51] **Int.Cl. H04W 72/04 (2009.01) H04W 72/12 (2009.01) H04W 74/02 (2009.01)**
[25] EN
[54] **WIRELESS COMMUNICATION SYSTEM, BASE STATION DEVICE, AND TERMINAL DEVICE**
[54] **SYSTEME DE COMMUNICATION SANS FIL, APPAREIL DE STATION DE BASE ET APPAREIL TERMINAL**
[72] TANAKA, YOSHINORI, JP
[71] FUJITSU LIMITED, JP
[85] 2017-07-27
[86] 2015-01-28 (PCT/JP2015/052410)
[87] (WO2016/121041)

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[13] A1
[51] **Int.Cl. G06F 9/50 (2006.01) G06F 9/46 (2006.01) H04L 12/46 (2006.01)**
[25] EN
[54] **SYSTEM, VIRTUALIZATION CONTROL APPARATUS, METHOD FOR CONTROLLING A VIRTUALIZATION CONTROL APPARATUS, AND PROGRAM**
[54] **SYSTEME, DISPOSITIF DE COMMANDE DE VIRTUALISATION, PROCEDE DE COMMANDE DE DISPOSITIF DE COMMANDE DE VIRTUALISATION ET PROGRAMME ASSOCIE**
[72] YOSHIMURA, YUKI, JP
[72] SHINOZAWA, HIROKAZU, JP
[72] KIKUCHI, YOSHIKI, JP
[72] YABUSHITA, NAOYA, JP
[71] NEC CORPORATION, JP
[85] 2017-07-27
[86] 2016-01-26 (PCT/JP2016/052174)
[87] (WO2016/121754)
[30] JP (2015-014615) 2015-01-28

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[13] A1
[51] **Int.Cl. G06F 9/46 (2006.01) G06F 9/50 (2006.01) G06F 11/20 (2006.01)**
[25] EN
[54] **VIRTUAL NETWORK FUNCTION MANAGEMENT APPARATUS, SYSTEM, HEALING METHOD, AND PROGRAM**
[54] **DISPOSITIF DE GESTION DE FONCTION RESEAU VIRTUELLE, SYSTEME, PROCEDE DE RETABLISSEMENT ET PROGRAMME**
[72] YABUSHITA, NAOYA, JP
[72] MIBU, RYOTA, JP
[72] HASHIGUCHI, ATSUSHI, JP
[72] KANAMORI, ICHIRO, JP
[71] NEC CORPORATION, JP
[85] 2017-07-27
[86] 2016-01-27 (PCT/JP2016/052380)
[87] (WO2016/121830)
[30] JP (2015-014614) 2015-01-28

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[13] A1
[51] **Int.Cl. C21D 8/12 (2006.01) C21D 9/46 (2006.01) H01F 1/16 (2006.01)**
[25] EN
[54] **GRAIN-ORIENTED ELECTRICAL STEEL SHEET AND PRODUCTION METHOD THEREFOR**
[54] **TOLE D'ACIER ELECTRIQUE A GRAINS ORIENTES ET SON PROCEDE DE PRODUCTION**
[72] TAKAJO, SHIGEHIRO, JP
[72] OMURA, TAKESHI, JP
[72] OKABE, SEIJI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-07-27
[86] 2016-02-12 (PCT/JP2016/000745)
[87] (WO2016/136176)
[30] JP (2015-034204) 2015-02-24

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[51] **Int.Cl. A61K 39/12 (2006.01) A61P 15/00 (2006.01) A61P 31/20 (2006.01) A61P 35/00 (2006.01) C07K 14/025 (2006.01) C12N 1/20 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **LACTIC-ACID-BACTERIA-CONTAINING COMPOSITION, ORAL PHARMACEUTICAL COMPOSITION FOR TREATING HPV INFECTION AND/OR HPV-ASSOCIATED TUMORS, AND MUCOSAL IMMUNITY-INDUCING AGENT**
[54] **COMPOSITION CONTENANT DES BACTERIES DE L'ACIDE LACTIQUE, COMPOSITION PHARMACEUTIQUE ORALE POUR LE TRAITEMENT D'UNE INFECTION PAR LE HPV ET/OU DES TUMEURS ASSOCIEES AU HPV, ET AGENT INDUISANT UNE IMMUNITE DES MUQUEUSES**
[72] KAWANA, KEI, JP
[72] IGIMI, SHIZUNOBU, JP
[71] THE UNIVERSITY OF TOKYO, JP
[71] JAPAN HEALTH SCIENCES FOUNDATION, JP
[85] 2017-07-27
[86] 2016-01-28 (PCT/JP2016/052481)
[87] (WO2016/121865)
[30] JP (2015-017407) 2015-01-30

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[51] **Int.Cl. G06F 11/20 (2006.01) G06F 9/46 (2006.01) G06F 9/50 (2006.01) G06F 13/00 (2006.01)**
[25] EN
[54] **NODE SYSTEM, SERVER APPARATUS, SCALING CONTROL METHOD, AND PROGRAM**
[54] **SYSTEME DE N[illegible]UD, DISPOSITIF DE SERVEUR, PROCEDE DE COMMANDE DE MISE A L'ECHELLE ET PROGRAMME**
[72] YOSHIMURA, YUKI, JP
[72] MIYATA, TADAAKI, JP
[72] ZEMBUTSU, HAJIME, JP
[72] SHOJI, TAKUYA, JP
[72] MAGATANI, HIRONORI, JP
[71] NEC CORPORATION, JP
[85] 2017-07-27
[86] 2016-01-29 (PCT/JP2016/052803)
[87] (WO2016/121973)
[30] JP (2015-017718) 2015-01-30

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[13] A1
[51] **Int.Cl. F16K 31/06 (2006.01) F16K 27/00 (2006.01)**
[25] EN
[54] **ATTACHMENT STRUCTURE FOR SOLENOID VALVE**
[54] **STRUCTURE DE FIXATION POUR UNE VANNE ELECTROMAGNETIQUE**
[72] MUKAI, TOMOAKI, JP
[72] MOCHIZUKI, TETSUYA, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2017-07-27
[86] 2016-02-22 (PCT/JP2016/055091)
[87] (WO2016/136677)
[30] JP (2015-037085) 2015-02-26

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[51] **Int.Cl. B29C 67/00 (2017.01) B33Y 10/00 (2015.01) B33Y 30/00 (2015.01)**
[25] EN
[54] **ADDITIVE MANUFACTURING DEVICE WITH RELEASE MECHANISM**
[54] **DISPOSITIF DE FABRICATION ADDITIVE AVEC MECANISME DE LIBERATION**
[72] VAN ESBROECK, HUBERTUS THEODORUS PETRUS, SG
[72] TAN, TECK WEE, SG
[72] SHARMA, DEVANSH, SG
[72] LAM, SIU HON, SG
[72] CHIN, KAH FAI, SG
[71] STRUCTO PTE LTD, SG
[85] 2017-07-27
[86] 2016-01-27 (PCT/SG2016/050039)
[87] (WO2016/122408)
[30] GB (1501382.4) 2015-01-28

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[51] **Int.Cl. A22C 21/02 (2006.01)**
[25] EN
[54] **SCRUBBER SYSTEM**
[54] **SYSTEME DE BROSSAGE**
[72] PULLIAM, TERRY, US
[72] BELL, WILLIAM, US
[71] BRUSH SOLUTIONS, LLC, US
[85] 2017-07-27
[86] 2015-01-27 (PCT/US2015/013135)
[87] (WO2015/113064)
[30] US (61/932,228) 2014-01-27

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[13] A1
[51] **Int.Cl. F24F 13/06 (2006.01)**
[25] EN
[54] **AIR HANDLING UNIT AND METHOD FOR CONTROLLING A FLOW OF AIR THERETHROUGH**
[54] **UNITE DE TRAITEMENT D'AIR ET PROCEDE DE COMMANDE D'UN FLUX D'AIR A TRAVERS CELLE-CI**
[72] HARRIS, DANIEL, US
[72] SEARLE, NICHOLAS, US
[71] MESTEK, INC., US
[85] 2017-07-27
[86] 2016-01-29 (PCT/US2016/015576)
[87] (WO2016/123445)
[30] US (62/109,709) 2015-01-30
[30] US (62/137,930) 2015-03-25

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[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01)**
[25] EN
[54] **DRAINAGE BAG SYSTEMS INCLUDING AT LEAST ONE INDICATOR ELEMENT AND METHODS OF USING THE SAME**
[54] **SYSTEMES DE POCHE DE DRAINAGE COMPRENANT AU MOINS UN ELEMENT D'INDICATEUR, ET LEURS PROCEDES D'UTILISATION**
[72] ZANI, PAUL ANTHONY, US
[72] GOHDE, JOHN CHRISTIAN, US
[72] CETRONE, ALLAN JON, US
[72] ROBINSON, URIYAH DUCHUN, US
[71] C.R. BARD, INC., US
[85] 2017-07-27
[86] 2016-01-29 (PCT/US2016/015795)
[87] (WO2016/126555)
[30] US (62/111,088) 2015-02-02
[30] US (62/249,752) 2015-11-02

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[13] A1
[51] **Int.Cl. A61K 31/57 (2006.01)**
[25] EN
[54] **BILE ACID ANALOGS AS FXR/TGR5 AGONISTS AND METHODS OF USE THEREOF**
[54] **ANALOGUES DE L'ACIDE BILIAIRE UTILISES COMME AGONISTES DE FXR/TGR5 ET LEURS PROCEDES D'UTILISATION**
[72] SHEN, RUICHAO, US
[72] OR, YAT SUN, US
[72] WANG, GUOQIANG, US
[71] ENANTA PHARMACEUTICALS, INC., US
[85] 2017-07-27
[86] 2016-02-11 (PCT/US2016/017554)
[87] (WO2016/130809)
[30] US (62/114,773) 2015-02-11

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[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) A61P 9/00 (2006.01) A61P 21/00 (2006.01)**
[25] EN
[54] **BAG3 AS A TARGET FOR THERAPY OF HEART FAILURE**
[54] **BAG3 EN TANT QUE CIBLE POUR LA THERAPIE DE L'INSUFFISANCE CARDIAQUE**
[72] FELDMAN, ARTHUR M., US
[72] TILLEY, DOUGLAS G., US
[72] ZHU, WEIZHONG, US
[72] KHALILI, KAMEL, US
[72] KOCH, WALTER J., US
[71] TEMPLE UNIVERSITY OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2017-07-27
[86] 2015-01-30 (PCT/US2015/013926)
[87] (WO2015/117010)
[30] US (61/934,483) 2014-01-31

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[13] A1
[51] **Int.Cl. C08G 61/08 (2006.01)**
[25] EN
[54] **ROMP POLYMERS HAVING IMPROVED RESISTANCE TO HYDROCARBON FLUIDS**
[54] **POLYMERES OBTENUS PAR POLYMERISATION PAR OUVERTURE DE CYCLE PAR METATHESE (ROMP) PRESENTANT UNE RESISTANCE AMELIOREE AUX FLUIDES HYDROCARBONES**
[72] ALLEN, DARYL P., US
[72] CRUCE, CHRISTOPHER J., US
[72] DANFORD, JAMES J., US
[71] MATERIA, INC., US
[85] 2017-07-27
[86] 2016-02-11 (PCT/US2016/017448)
[87] (WO2016/130742)
[30] US (62/116,389) 2015-02-14

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[13] A1
[51] **Int.Cl. C07D 239/02 (2006.01)**
[25] EN
[54] **ISOTOPOLOGUES OF 2-(TERT-BUTYLAMINO)-4-((1R,3R,4R)-3-HYDROXY-4-METHYLCYCLOHEXYLAMINO)-PYRIMIDINE-5-CARBOXAMIDE**
[54] **ISOTOPOLOGUES DE 2-(TERT-BUTYLAMINO)-4-((1R,3R,4R) -3-HYDROXY-4-METHYLCYCLOHEXYLAMINO)-PYRIMIDINE-5-CARBOXAMIDE**
[72] MAN, HON-WAH, US
[72] KOTHARE, MOHIT ATUL, US
[71] SIGNAL PHARMACEUTICALS LLC, US
[85] 2017-07-27
[86] 2016-01-28 (PCT/US2016/015276)
[87] (WO2016/123291)
[30] US (62/109,096) 2015-01-29

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[13] A1
[51] **Int.Cl. E21B 10/42 (2006.01) E21B 10/46 (2006.01) E21B 10/62 (2006.01)**
[25] EN
[54] **POLYCRYSTALLINE DIAMOND COMPACTS AND METHODS OF MANUFACTURE**
[54] **COMPACTS DE DIAMANT POLYCRISTALLIN ET PROCEDES DE FABRICATION**
[72] SAINI, GAGAN, US
[72] ATKINS, WILLIAM BRIAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-27
[86] 2015-03-10 (PCT/US2015/019577)
[87] (WO2016/144325)

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[13] A1
[51] **Int.Cl. A61M 5/315 (2006.01)**
[25] EN
[54] **DOSE DIVIDER SYRINGE**
[54] **SERINGUE A SEPARATEUR DE DOSE**
[72] TRAN, HUY, US
[72] CROLL, PERRY, US
[71] TELEFLEX MEDICAL INCORPORATED, US
[85] 2017-07-27
[86] 2016-02-12 (PCT/US2016/017753)
[87] (WO2016/137764)
[30] US (62/119,912) 2015-02-24

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[13] A1
[51] **Int.Cl. F16K 17/168 (2006.01)**
[25] EN
[54] **REDUNDANT VALVE SYSTEM**
[54] **SYSTEME DE SOUPAPE REDONDANT**
[72] VILLANUEVA, CARLOS, US
[72] LOPEZ, BILL, US
[71] DUKES AEROSPACE, INC., US
[85] 2017-07-27
[86] 2016-02-12 (PCT/US2016/017685)
[87] (WO2016/133800)
[30] US (62/115,948) 2015-02-16

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[13] A1
[51] **Int.Cl. A01M 1/14 (2006.01)**
[25] EN
[54] **INSECT PEST MONITOR AND PRODUCT TRANSFER STATION**
[54] **PIEGE A INSECTES RAVAGEURS ET STATION DE TRANSFERT DE PRODUIT**
[72] JOHNSTON, STACI J., US
[72] GARDNER, DOUGLAS B., US
[71] ECOLAB USA INC., US
[85] 2017-07-27
[86] 2016-02-19 (PCT/US2016/018690)
[87] (WO2016/134265)
[30] US (14/626,254) 2015-02-19
[30] US (15/005,642) 2016-01-25

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[13] A1
[51] **Int.Cl. A61K 31/155 (2006.01) A61K 31/165 (2006.01) A61K 31/166 (2006.01) C07D 205/04 (2006.01) C07D 211/08 (2006.01)**
[25] EN
[54] **SALICYLATE INHIBITORS OF MELK AND METHODS OF USE**
[54] **SALICYLATES INHIBITEURS DE MELK ET PROCEDES D'UTILISATION**
[72] GRAY, NATHANAEL, US
[72] ZHANG, TINGHU, US
[72] HUANG, HAI-TSANG, US
[72] WANG, YUBAO, US
[72] ZHAO, JEAN, US
[72] CHOI, HWAN, GEUN, KR
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2017-07-27
[86] 2016-03-04 (PCT/US2016/020858)
[87] (WO2016/141279)
[30] US (62/128,258) 2015-03-04

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[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01)**
[25] EN
[54] **LONG STROKE PUMPING UNIT**
[54] **UNITE DE POMPAGE A LONGUE COURSE**
[72] ROBISON, CLARK E., US
[72] THOMAS, BENSON, US
[72] HALL, KEVIN, US
[72] CHRISTIAN, SEAN M., US
[72] LEMBCKE, JEFFREY JOHN, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2017-07-27
[86] 2016-01-29 (PCT/US2016/015838)
[87] (WO2016/123579)
[30] US (62/109,144) 2015-01-29
[30] US (62/112,250) 2015-02-05
[30] US (62/114,892) 2015-02-11
[30] US (62/121,821) 2015-02-27

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[51] **Int.Cl. C07H 23/00 (2006.01) A61K 31/714 (2006.01) G01N 33/82 (2006.01)**
[25] EN
[54] **NOVEL, HEAVY VITAMIN B12 DERIVATIVES**
[54] **NOUVEAUX DERIVES DE VITAMINE B12 LOURDS**
[72] ANDERSON, PETER, AU
[71] CHARLES STURT UNIVERSITY, AU
[85] 2017-07-28
[86] 2015-01-28 (PCT/AU2015/050027)
[87] (WO2016/119004)

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[13] A1
[51] **Int.Cl. A61M 37/00 (2006.01) A61B 17/20 (2006.01) A61M 5/00 (2006.01)**
[25] EN
[54] **MICROPROJECTION ARRAY APPLICATOR AND METHOD**
[54] **APPLICATEUR A RESEAU DE MICROPROJECTIONS ET PROCEDE**
[72] JUNGER, MICHAEL CARL, AU
[72] LEMAIRE, PIERRE ARMAND VINCENT, AU
[71] VAXXAS PTY LIMITED, AU
[85] 2017-07-28
[86] 2016-02-02 (PCT/AU2016/050056)
[87] (WO2016/123665)
[30] US (62/110,682) 2015-02-02

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[13] A1
[51] **Int.Cl. A61K 31/535 (2006.01)**
[25] EN
[54] **TRICYCLIC KINASE INHIBITORS OF MELK AND METHODS OF USE**
[54] **INHIBITEURS DE KINASES TRICYCLIQUES DE MELK ET PROCEDES D'UTILISATION**
[72] GRAY, NATHANAEL, US
[72] ZHANG, TINGHU, US
[72] HUANG, HAI-TSANG, US
[72] WANG, YUBAO, US
[72] ZHAO, JEAN, US
[72] CHOI, HWAN, GEUN, KR
[71] DANA-FARBER CANCER INSTITUTE, INC., US
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[51] **Int.Cl. G01N 1/28 (2006.01) A61B 6/12 (2006.01) G01N 23/083 (2006.01)**
[25] EN
[54] **AUXILIARY DEVICE FOR LOCATING, MAPPING AND MICROSCOPICALLY MEASURING NEOPLASIAS**
[54] **DISPOSITIF AUXILIAIRE POUR LA LOCALISATION, LA CARTOGRAPHIE ET LA MESURE MICROSCOPIQUE DE NEOPLASIES**
[72] MOREIRA PEDAO, DIEGO, BR
[72] PIANA DE ANDRADE, VICTOR, BR
[71] FUNDACAO ANTONIO PRUDENTE, BR
[71] MOREIRA PEDAO, DIEGO, BR
[85] 2017-07-28
[86] 2016-03-03 (PCT/BR2016/050047)
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[30] BR (102015004994-3) 2015-03-06

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[51] **Int.Cl. A61H 15/00 (2006.01) A61H 7/00 (2006.01)**
[25] EN
[54] **LIMB REHABILITATION DEVICE**
[54] **DISPOSITIF DE READAPTATION DE MEMBRE**
[72] TURNER, PETER ANTHONY, CA
[72] GRADILONE, DINO, CA
[71] REARM INC., CA
[85] 2017-07-28
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[51] **Int.Cl. B07B 1/00 (2006.01) B01D 46/00 (2006.01) E21B 21/01 (2006.01) E21B 21/06 (2006.01)**
[25] EN
[54] **SCREENED ENCLOSURE WITH VACUUM PORTS FOR USE IN A VACUUM-BASED DRILLING FLUID RECOVERY SYSTEM**
[54] **ENCEINTE A TAMIS A ORIFICES DE VIDE DESTINEE A ETRE UTILISER DANS UN SYSTEME DE RECUPERATION DE FLUIDE DE FORAGE BASE SUR LE VIDE**
[72] IMLER, ALAN ROBERT, CA
[72] LOWE, DEREK JOSEPH, CA
[72] JACKSON, DENNIS LYNN, JR., US
[71] FP MARANGONI INC., CA
[85] 2017-07-28
[86] 2016-01-28 (PCT/CA2016/050070)
[87] (WO2016/119058)
[30] US (62/110,205) 2015-01-30
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[51] **Int.Cl. C01B 11/02 (2006.01) B01J 4/00 (2006.01) B01J 8/00 (2006.01) B01J 14/00 (2006.01) C02F 1/72 (2006.01) C02F 1/76 (2006.01) C02F 9/04 (2006.01)**
[25] EN
[54] **SUBMERGIBLE BIOCIDE REACTOR AND METHOD**
[54] **REACTEUR ET PROCEDE POUR BIOCIDE SUBMERSIBLE**
[72] DIMASCIO, FELICE, US
[72] WELLS, DAVID, US
[72] POKOS, MARK, US
[71] ECOLAB USA INC., US
[85] 2017-07-27
[86] 2016-04-22 (PCT/US2016/028778)
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[30] US (62/152,342) 2015-04-24
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[51] **Int.Cl. H04B 7/26 (2006.01) B64C 39/02 (2006.01) G08C 17/02 (2006.01) H04B 7/185 (2006.01)**
[25] EN
[54] **COMMUNICATIONS SYSTEM FOR USE WITH UNMANNED AERIAL VEHICLES**
[54] **SYSTEME DE COMMUNICATION DESTINE A ETRE UTILISE AVEC DES VEHICULES AERIENS SANS PILOTE**
[72] PARKS, CURTIS, CA
[72] POLOWICK, CHRIS, CA
[71] ROCKY MOUNTAIN EQUIPMENT CANADA LTD., CA
[85] 2017-07-28
[86] 2016-01-29 (PCT/CA2016/050077)
[87] (WO2016/119064)
[30] US (62/109,318) 2015-01-29

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[51] **Int.Cl. F21L 14/00 (2006.01) F21V 21/06 (2006.01)**
[25] EN
[54] **PORTABLE MULTI-FUNCTION LIGHTING SYSTEM**
[54] **SYSTEME D'ECLAIRAGE MULTIFONCTIONNEL PORTATIF**
[72] CHAUVET, ALBERT, US
[72] REISS, ALLAN, US
[72] AIRRIESS, NICK, US
[71] CHAUVET & SONS, INC., US
[85] 2017-07-27
[86] 2016-02-02 (PCT/US2016/016093)
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[51] **Int.Cl. C07D 471/18 (2006.01) A61K 31/4995 (2006.01) C07D 513/18 (2006.01)**
[25] EN
[54] **SUBSTITUTED BRIDGED UREA ANALOGS AS SIRTUIN MODULATORS**
[54] **ANALOGUES D'UREE PONTES SUBSTITUES UTILISES COMME MODULATEURS DE LA SIRTUINE**
[72] BLUM, CHARLES, A., US
[72] CALDWELL, RICHARD DANA, US
[72] CASAUBON, REBECCA, US
[72] DISCH, JEREMY S., US
[72] FOX, RYAN MICHAEL, US
[72] KOPPETSCH, KARSTEN, US
[72] MILLER, WILLIAM HENRY, US
[72] NG, PUI YEE, US
[72] OALMANN, CHRISTOPHER, US
[72] PERNI, ROBERT B., US
[72] SZCZEPANKIEWICZ, BRUCE G., US
[72] WHITE, BRIAN H., US
[71] GLAXOSMITHKLINE LLC, US
[85] 2017-05-16
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[25] EN
[54] **UAV NAVIGATION AND SENSOR SYSTEM CONFIGURATION**
[54] **CONFIGURATION DE SYSTEME DE CAPTEUR ET DE NAVIGATION UAV**
[72] PARKS, CURTIS, CA
[72] POLOWICK, CHRIS, CA
[71] ROCKY MOUNTAIN EQUIPMENT CANADA LTD., CA
[85] 2017-07-28
[86] 2016-01-29 (PCT/CA2016/050078)
[87] (WO2016/119065)
[30] US (62/109,352) 2015-01-29

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[25] EN
[54] **CYSTARGOLIDE COMPOUNDS AND USES THEREOF**
[54] **COMPOSES DE CYSTARGOLIDE ET LEURS UTILISATIONS**
[72] GILL, KRISTA ANN, CA
[72] BERRUE, FABRICE, CA
[72] KERR, RUSSELL GREIG, CA
[71] UNIVERSITY OF PRINCE EDWARD ISLAND, CA
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[51] **Int.Cl. A61F 2/24 (2006.01) A61B 17/04 (2006.01)**
[25] EN
[54] **EXPANDABLE EPICARDIAL PADS AND DEVICES AND METHODS FOR DELIVERY OF SAME**
[54] **TAMPONS EPICARDIQUES EXPANSIBLES ET DISPOSITIFS ET PROCEDES D'ADMINISTRATION DE CEUX-CI**
[72] VIDLUND, ROBERT M., US
[72] KOVALSKY, IGOR, US
[72] TEGELS, ZACHARY J., US
[72] EKVALL, CRAIG A., US
[71] TENDYNE HOLDINGS, INC., US
[85] 2017-07-27
[86] 2016-02-04 (PCT/US2016/016567)
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[30] US (PCT/US2015/014572) 2015-02-05
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[25] EN
[54] **METHODS AND SYSTEMS FOR CHARACTERIZING TISSUE OF A SUBJECT**
[54] **PROCEDES ET SYSTEMES DE CARACTERISATION D'UN TISSU D'UN SUJET**
[72] GUREVICH, LINA, CA
[72] WALLE-JENSEN, JORGEN, CA
[71] NOVADAQ TECHNOLOGIES INC., CA
[85] 2017-07-28
[86] 2016-02-02 (PCT/CA2016/050092)
[87] (WO2016/123705)
[30] US (62/110,609) 2015-02-02
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[51] **Int.Cl. B25B 7/12 (2006.01)**
[25] EN
[54] **CLAMP**
[54] **PINCE**
[72] WANG, MIN, CN
[71] HANGZHOU GREAT STAR TOOLS CO., LTD., CN
[71] HANGZHOU GREAT STAR INDUSTRIAL CO., LTD., CN
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[51] **Int.Cl. G01N 33/22 (2006.01)**
[25] EN
[54] **HYDROGEL PARTICLES WITH TUNABLE OPTICAL PROPERTIES AND METHODS FOR USING THE SAME**
[54] **PARTICULES D'HYDROGEL PRESENTANT DES PROPRIETES OPTIQUES REGLABLES ET LEURS PROCEDES D'UTILISATION**
[72] KIM, JEFFREY, US
[72] LIU, OLIVER, US
[72] AGRESTI, JEREMY, US
[72] NGUYEN, ANH TUAN, US
[71] SLINGSHOT BIOSCIENCES, INC., US
[85] 2017-07-27
[86] 2016-02-08 (PCT/US2016/017029)
[87] (WO2016/130489)
[30] US (62/114,004) 2015-02-09
[30] US (62/184,192) 2015-06-24

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[51] **Int.Cl. A01C 1/00 (2006.01) A01N 25/00 (2006.01)**
[25] EN
[54] **ENHANCING THE EFFECTIVENESS OF BLENDED REFUGE**
[54] **PERFECTIONNEMENT APPORTE A L'EFFICACITE D'UN REFUGE EN MELANGE**
[72] ALBERTSEN, MARC C., US
[72] HIGGINS, LAURA SUE, US
[72] TRIMNELL, MARY, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2017-07-27
[86] 2016-02-09 (PCT/US2016/017107)
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[30] US (62/117,685) 2015-02-18

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[13] A1
[51] **Int.Cl. C22C 30/00 (2006.01) C21D 1/26 (2006.01) F22B 37/10 (2006.01) G21C 1/08 (2006.01)**
[25] EN
[54] **NICKEL-CHROMIUM-IRON ALLOYS WITH IMPROVED RESISTANCE TO STRESS CORROSION CRACKING IN NUCLEAR ENVIRONMENTS**
[54] **ALLIAGES DE NICKEL-CHROME-FER PRESENTANT UNE RESISTANCE AMELIOREE A LA FISSURATION PAR CORROSION SOUS CONTRAINTE DANS DES ENVIRONNEMENTS NUCLEAIRES**
[72] TAPPING, ROBERT L., CA
[72] STAEHLE, ROGER W., US
[72] ARIOKA, KOJI, JP
[71] ATOMIC ENERGY OF CANADA LIMITED / ENERGIE ATOMIQUE DU CANADA LIMITEE, CA
[85] 2017-07-28
[86] 2016-02-05 (PCT/CA2016/050104)
[87] (WO2016/123715)
[30] US (62/112,879) 2015-02-06

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[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **PUCCH CONFIGURATION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL D'ATTRIBUTION DE PUCCH**
[72] LI, BINGZHAO, CN
[72] QUAN, WEI, CN
[72] MIAO, JINHUA, CN
[72] YANG, XIAODONG, CN
[72] HU, ZHENXING, CN
[72] ZHANG, JIAN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-07-28
[86] 2015-01-29 (PCT/CN2015/071835)
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[13] A1
[51] **Int.Cl. F04D 29/44 (2006.01)**
[25] EN
[54] **DIFFUSER, CENTRIFUGAL COMPRESSION POWER SYSTEM AND BLADELESS FAN**
[54] **DIFFUSEUR, SYSTEME D'ALIMENTATION A COMPRESSION CENTRIFUGE ET VENTILATEUR SANS PALES**
[72] DOU, HAI, CN
[72] MA, LIE, CN
[72] SHAO, CHEN, CN
[71] GD MIDEA ENVIRONMENT APPLIANCES MFG CO., LTD., CN
[71] MIDEA GROUP CO., LTD., CN
[85] 2017-07-28
[86] 2015-11-30 (PCT/CN2015/096053)
[87] (WO2016/141738)
[30] CN (201510110206.4) 2015-03-12
[30] CN (201520141692.1) 2015-03-12

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[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01)**
[25] EN
[54] **CLOSURE DEVICE FOR SEALING PERCUTANEOUS OPENING IN A VESSEL**
[54] **DISPOSITIF DE FERMETURE PERMETTANT D'OBTURER UNE OUVERTURE PERCUTANEE DANS UN VAISSEAU**
[72] JACOBS, PETER, US
[72] HOLMAN, THOMAS, US
[72] KUGLER, CHAD, US
[71] VASCULAR SOLUTIONS, INC., US
[85] 2017-07-27
[86] 2016-02-10 (PCT/US2016/017238)
[87] (WO2016/130610)
[30] US (62/114,101) 2015-02-10

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[13] A1
[51] **Int.Cl. A61F 5/56 (2006.01)**
[25] EN
[54] **IMPLANTABLE LINGUAL SEPTUM FASCIA TRACTION DEVICE AND IMPLANTATION METHOD**
[54] **DISPOSITIF DE TRACTION DE FASCIA DE SEPTUM LINGUAL IMPLANTABLE ET PROCEDE D'IMPLANTATION**
[72] ZHOU, XING, CN
[72] ZHANG, XIANGMIN, CN
[71] ZHOU, XING, CN
[71] ZHANG, XIANGMIN, CN
[85] 2017-07-28
[86] 2015-12-10 (PCT/CN2015/096891)
[87] (WO2016/127697)
[30] CN (201510083183.2) 2015-02-09

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[13] A1
[51] **Int.Cl. A61K 38/16 (2006.01) C07K 14/475 (2006.01) C07K 14/525 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS OF USING A SOLUBLE TNF-ALPHA RECEPTOR MODIFIED FOR INCREASED HALF-LIFE**
[54] **COMPOSITIONS ET METHODES D'UTILISATION D'UN RECEPTEUR TNF-ALPHA SOLUBLE MODIFIE POUR UNE DEMI-VIE ACCRUE**
[72] DATAR, RAJIV, US
[72] EDWARDS, CARL K., III, US
[71] DNX BIOTECH, LLC, US
[85] 2017-07-27
[86] 2015-12-21 (PCT/US2015/067055)
[87] (WO2016/122806)
[30] US (62/108,825) 2015-01-28

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[13] A1
[51] **Int.Cl. C07D 403/06 (2006.01) A61K 31/404 (2006.01) A61P 1/16 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SUNITINIB PRODRUGS AND PHARMACEUTICAL COMPOSITIONS**
[54] **PROMEDICAMENT DE SUNITINIB ET COMPOSITION PHARMACEUTIQUE**
[72] WANG, ZHONG, CN
[72] LI, QING, CN
[71] SOUND BIOPHARMACEUTICALS LTD., CN
[85] 2017-07-28
[86] 2016-01-25 (PCT/CN2016/071951)
[87] (WO2016/119646)
[30] CN (201510045099.1) 2015-01-28

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[13] A1
[51] **Int.Cl. H04W 52/02 (2009.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR A WIRELESS DEVICE TO RECEIVE DATA IN AN ECO STATE**
[54] **APPAREIL ET PROCEDE DESTINES A UN DISPOSITIF SANS FIL POUR RECEVOIR DES DONNEES DANS UN ETAT D'ECONOMIE**
[72] AU, KELVIN KAR KIN, CA
[72] ZHANG, LIQING, CA
[72] MA, JIANGLEI, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-07-28
[86] 2016-01-26 (PCT/CN2016/072196)
[87] (WO2016/119686)
[30] US (14/609,707) 2015-01-30

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[13] A1
[51] **Int.Cl. B63B 3/06 (2006.01) B63B 3/18 (2006.01) B63B 35/00 (2006.01) E01D 15/14 (2006.01) E02B 3/06 (2006.01)**
[25] EN
[54] **FLOATING PLATFORM MODULE**
[54] **MODULE DE PLATE-FORME FLOTTANT**
[72] SIMOLA, CHARLES, US
[71] SIMOLA, CHARLES, US
[85] 2017-07-27
[86] 2016-01-28 (PCT/US2016/015356)
[87] (WO2016/123337)
[30] US (62/108,706) 2015-01-28

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[13] A1
[51] **Int.Cl. H04L 12/26 (2006.01)**
[25] EN
[54] **NODE, NETWORK CONTROLLER, AND ASSOCIATED METHODS FOR ROUTING DATA PACKETS IN A NETWORK**
[54] **N□UD, CONTROLEUR RESEAU ET PROCEDES ASSOCIES PERMETTANT D'ACHEMINER DES PAQUETS DE DONNEES DANS UN RESEAU**
[72] ASHWOOD-SMITH, PETER, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-07-28
[86] 2016-01-28 (PCT/CN2016/072547)
[87] (WO2016/119723)
[30] US (14/610,608) 2015-01-30

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[13] A1
[51] **Int.Cl. A61B 17/72 (2006.01) A61B 17/86 (2006.01)**
[25] EN
[54] **SELF-COMPRESSING SCREWS FOR GENERATING AND APPLYING COMPRESSION WITHIN A BODY**
[54] **VIS A AUTO-COMPRESSION PERMETTANT DE GENERER ET D'APPLIQUER UNE COMPRESSION A L'INTERIEUR D'UN CORPS**
[72] PALMER, MATTHEW, US
[72] NEALON, KAITLYN, US
[72] DEVANEY, ROBERT, US
[72] FONTE, MATTHEW, US
[71] ARTHREX, INC., US
[85] 2017-07-27
[86] 2016-01-28 (PCT/US2016/015432)
[87] (WO2016/123382)
[30] US (62/108,843) 2015-01-28

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[13] A1
[51] **Int.Cl. G21C 21/02 (2006.01) C25C 3/36 (2006.01) G21C 3/06 (2006.01)**
[25] EN
[54] **FABRICATION OF METALLIC NUCLEAR FUEL**
[54] **FABRICATION DE COMBUSTIBLE NUCLEAIRE METALLIQUE**
[72] WALTERS, LEON C., US
[71] ADVANCED REACTOR CONCEPTS LLC, US
[85] 2017-07-27
[86] 2016-01-21 (PCT/US2016/014307)
[87] (WO2016/122963)
[30] US (62/108,933) 2015-01-28

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[13] A1
[51] **Int.Cl. E04H 4/12 (2006.01)**
[25] EN
[54] **POOL SKIMMER SYSTEM**
[54] **SYSTEME D'ECUMOIRE DE PISCINE**
[72] SMITH, RONNIE E., US
[71] TOTALLY NEW TECHNOLOGIES LLC, US
[85] 2017-07-27
[86] 2014-07-30 (PCT/US2014/048930)
[87] (WO2015/116249)
[30] US (PCT/US2014/013617) 2014-01-29

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/04 (2006.01) C12N 9/16 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **SUBSTRATE MOLECULE**
[54] **MOLECULE DE SUBSTRAT**
[72] JUDICE, STEPHEN A., US
[71] ENVIROLOGIX INC., US
[85] 2017-07-27
[86] 2016-01-25 (PCT/US2016/014753)
[87] (WO2016/123029)
[30] US (62/110,237) 2015-01-30

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[13] A1
[51] **Int.Cl. B62B 3/04 (2006.01) B62B 3/10 (2006.01)**
[25] EN
[54] **PORTABLE FUEL STORAGE DEVICE**
[54] **DISPOSITIF DE STOCKAGE DE CARBURANT PORTABLE**
[72] STUMPF, THOMAS, US
[71] FUELIE SYSTEMS, INC., US
[85] 2017-07-27
[86] 2016-01-26 (PCT/US2016/014815)
[87] (WO2016/123048)
[30] US (14/607,859) 2015-01-28

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[13] A1
[51] **Int.Cl. B24D 18/00 (2006.01)**
[25] EN
[54] **ANTI-BALLING DRILL BIT AND METHOD OF MAKING SAME**
[54] **TREPAN DE FORAGE ANTI-BOURRAGE ET SON PROCEDE DE FABRICATION**
[72] KUMAR, ANIL, US
[72] ROTHROCK, WALTER R., US
[72] PILLAI, RAJU, US
[71] NATIONAL OILWELL DHT, L.P., US
[85] 2017-07-27
[86] 2016-01-26 (PCT/US2016/014921)
[87] (WO2016/123102)
[30] US (62/109,532) 2015-01-29

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[51] **Int.Cl. H04N 9/07 (2006.01)**
[25] FR
[54] **MULTISPECTRAL IMAGE CAPTURE DEVICE COMPRISING A FILTER WHEEL**
[54] **APPAREIL DE SAISIE D'IMAGES MULTISPECTRALES COMPRENANT UNE ROUE A FILTRES**
[72] GEORGY, PIERRE-LUC, FR
[71] AIRBUS DEFENCE AND SPACE SAS, FR
[85] 2017-07-28
[86] 2014-12-24 (PCT/EP2014/079332)
[87] (WO2015/120948)
[30] FR (14 00409) 2014-02-14

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[51] **Int.Cl. G01N 33/38 (2006.01)**
[25] EN
[54] **SYSTEMS, APPARATUS AND METHODS FOR TESTING AND PREDICTING THE PERFORMANCE OF CONCRETE MIXTURES**
[54] **SYSTEMES, APPAREIL ET PROCEDES DE TEST ET DE PREDICTION DE PERFORMANCE DE MELANGES DE BETON**
[72] RADJY, FARROKH F., US
[71] QUIPIP, LLC, US
[85] 2017-07-27
[86] 2016-01-27 (PCT/US2016/015143)
[87] (WO2016/123228)
[30] US (62/110,040) 2015-01-30

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[13] A1
[51] **Int.Cl. C07K 16/18 (2006.01) C07K 16/28 (2006.01) C07K 16/38 (2006.01) G01N 33/569 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **ANTI-SURROGATE LIGHT CHAIN ANTIBODIES**
[54] **ANTICORPS ANTI-CHAINES LEGERES DE SUBSTITUTION**
[72] HOROWITZ, LAWRENCE, US
[71] I2 PHARMACEUTICALS, INC., US
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[25] EN
[54] **ELECTROLYTE FOR ELECTROPLATING**
[54] **ELECTROLYTE POUR PLACAGE ELECTROLYTIQUE**
[72] ABBOTT, ANDREW PETER, GB
[72] RYDER, KARL SCOTT, GB
[72] HARRIS, ROBERT, GB
[71] UNIVERSITY OF LEICESTER, GB
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[54] **VALVE STEM AND PLUG CONNECTIONS AND STAKING TOOLS**
[54] **RACCORDEMENTS DE TIGES ET BOUCHONS DE SOUPAPE ET OUTILS DE PIQUETAGE**
[72] ALMAN, PAUL T., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2017-07-27
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[30] US (62/115,383) 2015-02-12
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[25] EN
[54] **STENT SEALS AND METHOD OF PRODUCTION**
[54] **JOINTS D'ETANCHEITE DE STENT ET PROCEDE DE PRODUCTION**
[72] FLACTION, LIONEL, CH
[72] DELALOYE, STEPHANE, CH
[72] BIADILLAH, YOUSSEF, CH
[72] HUMAIR, ARNAUD, CH
[71] SYMETIS SA, CH
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[51] **Int.Cl. C07J 31/00 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF S-[4-(3-FLUORO-3-METHYLBUTYRYLOXY)BUT-2-YNYL]6.ALPHA.,9.ALPHA.-DIFLUORO-17.ALPHA.-(FURAN-2-YL)CARBONYLOXY-11.BETA.-HYDROXY-16.ALPHA.-METHYL-3-OXOANDROSTA-1,4-DIENE-17.BETA.-CARBOTHIOATE**
[54] **FORME CRISTALLINE DE S-(4-(3-FLUORO-3-METHYLBUTYRYLOXY)BUT-2-YNYL) 6A,9A-DIFLUORO-17B,-(FURANE-2-YL)CARBONYLOXY-11?-HYDROXY-16A-METHYL-3-OXOANDROSTA-1,4-DIENE-17B-CARBOTHIOATE**
[72] PATEL, JITEN RANCHHODBHAI, IN
[72] PATEL, GOPALKUMAR CHIMANLAL, IN
[72] SHETH, GAURAV SANJIVKUMAR, IN
[72] CHITTURI, TRINADHA RAO, IN
[71] SUN PHARMA ADVANCED RESEARCH COMPANY LIMITED, IN
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[25] EN
[54] **METHOD FOR RECOVERING SCANDIUM**
[54] **PROCEDE DE RECUPERATION DE SCANDIUM**
[72] YAMAGUMA, RYOMA, JP
[72] HIGAKI, TATSUYA, JP
[72] NAGAI, HIDEMASA, JP
[72] ASANO, SATOSHI, JP
[72] KOBAYASHI, HIROSHI, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
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[25] EN
[54] **HIGH-STRENGTH ELECTRIC RESISTANCE WELDED STEEL PIPE AND METHOD FOR PRODUCING THE SAME**
[54] **TUYAU EN ACIER SOUDE PAR RESISTANCE ELECTRIQUE A HAUTE RESISTANCE ET PROCEDE DE FABRICATION S'Y RAPPORTANT**
[72] GOTO, SOTA, JP
[72] TOYODA, SHUNSUKE, JP
[72] OKABE, TAKATOSHI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-07-28
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[25] EN
[54] **SYSTEMS AND METHODS TO DELIVER A PERSONALIZED MEDIACAST WITH AN UNINTERRUPTED LEAD-IN PORTION**
[54] **SYSTEMES ET PROCEDES POUR DELIVRER UNE DIFFUSION MULTIMEDIA PERSONNALISEE AVEC UNE PARTIE D'ENTREE ININTERROMPUE**
[72] GREEN, ROBERT D., US
[72] KOTT, JAMES M., US
[72] MORRIS, JOHN W., IV, US
[71] WIDEORBIT INC., US
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[25] EN
[54] **PEEL-OPENABLE PACKAGE AND OPENING STRUCTURE FOR PEEL-OPENABLE PACKAGE**
[54] **EMBALLAGE A OUVERTURE PAR ARRACHAGE ET STRUCTURE D'OUVERTURE POUR EMBALLAGE A OUVERTURE PAR ARRACHAGE**
[72] HASHIMOTO, MIKU, JP
[71] FUTURE LABO CO., LTD., JP
[85] 2017-07-28
[86] 2016-01-20 (PCT/JP2016/051545)
[87] (WO2016/121594)
[30] JP (2015-017158) 2015-01-30
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[25] EN
[54] **WATER TREATMENT APPARATUS AND WATER TREATMENT METHOD**
[54] **APPAREIL DE TRAITEMENT DE L'EAU ET PROCEDE DE TRAITEMENT DE L'EAU**
[72] YAMAUCHI, TOKIKO, JP
[72] YASUNAGA, NOZOMU, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2017-07-28
[86] 2016-01-21 (PCT/JP2016/051714)
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[30] JP (2015-017032) 2015-01-30

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[25] EN
[54] **CATIONIC LIPID**
[54] **LIPIDE CATIONIQUE**
[72] NAKAI, YUTA, JP
[72] TANGE, KOTA, JP
[72] AKITA, HIDETAKA, JP
[72] HARASHIMA, HIDEYOSHI, JP
[72] TOGASHI, RYOHEI, JP
[72] MIURA, NAOYA, JP
[72] MAETA, MIO, JP
[71] NOF CORPORATION, JP
[71] NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY, JP
[85] 2017-07-28
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[25] EN
[54] **PREVENTIVE AND/OR THERAPEUTIC AGENT FOR IMMUNE DISEASE**
[54] **AGENT PROPHYLACTIQUE ET/OU THERAPEUTIQUE DESTINE A DES MALADIES IMMUNITAIRES**
[72] HOSOI, FUMIHITO, JP
[72] NAKACHI, YOSHINORI, JP
[72] KAJIWARA, DAISUKE, JP
[71] TAIHO PHARMACEUTICAL CO., LTD., JP
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[25] EN
[54] **USER TERMINAL, RADIO BASE STATION AND RADIO COMMUNICATION METHOD**
[54] **TERMINAL D'UTILISATEUR, STATION DE BASE RADIO ET PROCEDE DE COMMUNICATION RADIO**
[72] HARADA, HIROKI, JP
[72] TAKEDA, KAZUKI, JP
[72] TAKEDA, KAZUAKI, JP
[72] UCHINO, TOORU, JP
[72] NAGATA, SATOSHI, JP
[71] NTT DOCOMO, INC., JP
[85] 2017-07-28
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[25] EN
[54] **ANTI-ALK2 ANTIBODY**
[54] **ANTICORPS ANTI-ALK2**
[72] KATAGIRI, TAKENOBU, JP
[72] OSAWA, KENJI, JP
[72] TSUKAMOTO, SHO, JP
[72] TSUJI, SHINNOSUKE, JP
[72] KAWAGUCHI, YOSHIROU, JP
[72] NAKAMURA, KENSUKE, JP
[71] SAITAMA MEDICAL UNIVERSITY, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2017-07-28
[86] 2016-01-29 (PCT/JP2016/052602)
[87] (WO2016/121908)
[30] JP (2015-017882) 2015-01-30

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[25] EN
[54] **ELECTROCHEMICAL REACTOR FOR PRODUCING OXYHYDROGEN GAS**
[54] **REACTEUR ELECTROCHIMIQUE POUR LA PRODUCTION DE GAZ OXYHYDROGENE**
[72] DELGADO RODRIGUEZ, LUIS ALFONSO, MX
[71] DELGADO RODRIGUEZ, LUIS ALFONSO, MX
[85] 2017-07-28
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[25] EN
[54] **APPARATUS FOR PREPARING ICE CREAM AND LIKE FROZEN PRODUCTS**
[54] **APPAREIL DE PREPARATION DE CREME GLACEE ET DE PRODUITS CONGELES SIMILAIRES**
[72] KATZ, ABRAHAM, IL
[71] MILK CREAM LTD., IL
[85] 2017-07-28
[86] 2016-01-14 (PCT/IL2016/050038)
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[30] IL (237004) 2015-01-29

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[51] **Int.Cl. E21B 34/02 (2006.01)**
[25] EN
[54] **CHOKE VALVE WEAR MONITORING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE D'USURE D'UNE SOUPAPE D'ETRANGLEMENT**
[72] NIJLAND, JAN WILLEM, NL
[71] EMERSON VULCAN HOLDING LLC, US
[85] 2017-07-28
[86] 2016-01-28 (PCT/US2016/015389)
[87] (WO2016/123356)
[30] US (62/110,176) 2015-01-30

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[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/506 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **DESIGN, SYNTHESIS AND METHODS OF USE OF ACYCLIC FLEXIMER NUCLEOSIDE ANALOGUES HAVING ANTI-CORONAVIRUS ACTIVITY**
[54] **CONCEPTION, SYNTHESE ET PROCEDES D'UTILISATION D'ANALOGUES DE NUCLEOSIDE FLEXIMER ACYCLIQUE PRESENTANT UNE ACTIVITE ANTI-CORONAVIRUS**
[72] RADTKE, KATHERINE L., US
[72] PETERS, HANNAH L., US
[72] NEYTS, JOHAN, BE
[72] JOCHMANS, DIRK, BE
[72] SNIJDER, ERIC J., NL
[71] UNIVERSITY OF MARYLAND, BALTIMORE COUNTY, US
[71] KATHOLIEK UNIVERSITEIT LEUVEN, BE
[71] LIEDEN UNIVERSITY MEDICAL CENTER, NL
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[51] **Int.Cl. A47L 9/04 (2006.01)**
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[54] **SURFACE CLEANING HEAD INCLUDING OPENABLE AGITATOR CHAMBER AND REMOVABLE AGITATORS FOR USE THEREIN**
[54] **TETE DE NETTOYAGE DE SURFACE COMPRENANT UNE CHAMBRE D'AGITATEUR POUVANT ETRE OUVERTE ET DES AGITATEURS AMOVIBLES DESTINES A ETRE UTILISES A L'INTERIEUR DE CELLE-CI**
[72] THORNE, JASON B., US
[72] XU, KAI, CN
[72] XU, AIMING, CN
[72] BROWN, ANDRE DAVID, GB
[72] BURKE, BRIAN, US
[72] D'AMICO, MICHAEL, US
[72] HUTCHINSON, PETER, CN
[72] BURKE, ERIN, US
[71] SHARKNINJA OPERATING LLC, US
[85] 2017-07-28
[86] 2016-01-28 (PCT/US2016/015370)
[87] (WO2016/123345)
[30] US (62/110,232) 2015-01-30
[30] US (14/739,915) 2015-06-15
[30] US (14/744,438) 2015-06-19
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[51] **Int.Cl. A61N 1/39 (2006.01) A61N 1/05 (2006.01)**
[25] EN
[54] **ELECTRICAL SAFETY SYSTEM**
[54] **SYSTEME DE SECURITE ELECTRIQUE**
[72] LLOYD, MICHAEL SHANE, US
[72] LANGBERG, JONATHAN JASON, US
[71] LLOYD, MICHAEL SHANE, US
[71] LANGBERG, JONATHAN JASON, US
[85] 2017-07-28
[86] 2016-02-17 (PCT/US2016/018310)
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[51] **Int.Cl. A23L 2/39 (2006.01) A23L 2/52 (2006.01) A23L 3/46 (2006.01)**
[25] EN
[54] **STABILIZING SORBIC ACID IN BEVERAGE SYRUP**
[54] **STABILISATION DE L'ACIDE SORBIQUE DANS UN SIROP BOISSON**
[72] MUTILANGI, WILLIAM, US
[72] ZHANG, NAIJIE, US
[71] PEPSICO, INC., US
[85] 2017-07-28
[86] 2016-02-18 (PCT/US2016/018424)
[87] (WO2016/134119)
[30] US (14/627,075) 2015-02-20

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[51] **Int.Cl. H04B 3/56 (2006.01) H04B 3/54 (2006.01)**
[25] EN
[54] **SMART APPLIANCES, INCLUDING ADDRESSABLE ELECTRICAL OUTLETS**
[54] **APPAREILS INTELLIGENTS, COMPRENANT DES SORTIES ELECTRIQUES ADRESSABLES**
[72] DENT, PAUL WILKINSON, US
[72] ZIRBEL, LAWRENCE, US
[71] KOOLBRIDGE SOLAR, INC., US
[85] 2017-07-28
[86] 2016-01-29 (PCT/US2016/015612)
[87] (WO2016/123463)
[30] US (14/608,207) 2015-01-29
[30] US (14/623,454) 2015-02-16

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[25] EN
[54] **ELECTRIC MOWER APPARATUS AND METHOD OF USE**
[54] **TONDEUSE ELECTRIQUE ET SON PROCEDE D'UTILISATION**
[72] CONRAD, JOSEPH C., US
[72] CONRAD, MATTHEW C., US
[71] MEAN GREEN PRODUCTS, LLC, US
[85] 2017-07-28
[86] 2016-02-29 (PCT/US2016/020109)
[87] (WO2016/109860)
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[51] **Int.Cl. H01M 4/134 (2010.01) H01M 4/62 (2006.01)**
[25] EN
[54] **SILICON-CARBON COMPOSITE ANODE FOR LITHIUM-ION BATTERIES**
[54] **ANODE COMPOSITE SILICIUM-CARBONE POUR PILES AU LITHIUM-ION**
[72] ANDERSEN, HANNE FLATEN, NO
[72] VOJE, JORUNN, NO
[71] ELKEM AS, NO
[85] 2017-07-28
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[51] **Int.Cl. H02J 13/00 (2006.01) G01R 31/04 (2006.01) H01R 13/00 (2006.01) H02H 9/00 (2006.01)**
[25] EN
[54] **ELECTRICAL DEVICE INSTALLATION MONITORING IMPROVEMENT**
[54] **AMELIORATION DE LA SURVEILLANCE DE L'INSTALLATION D'UN DISPOSITIF ELECTRIQUE**
[72] GELONESE, DOMENICO, AU
[72] GATTO, RICCARDO, AU
[71] EMBERTEC PTY LTD, AU
[85] 2017-07-31
[86] 2016-01-27 (PCT/AU2016/000015)
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[30] AU (2015900280) 2015-01-30

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[25] EN
[54] **COMT INHIBITING METHODS AND COMPOSITIONS**
[54] **PROCEDES D'INHIBITION DE LA COMT ET COMPOSITIONS ASSOCIEES**
[72] BARROW, JAMES, US
[72] ERNST, GLEN, US
[72] HUANG, YIFANG, US
[72] BUCHLER, INGRID, US
[72] WEINBERGER, DANIEL, US
[71] LIEBER INSTITUTE FOR BRAIN DEVELOPMENT, US
[85] 2017-07-28
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[30] US (62/109,954) 2015-01-30

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[51] **Int.Cl. B63B 27/30 (2006.01) B63B 27/10 (2006.01) E02B 17/00 (2006.01)**
[25] EN
[54] **OFFSHORE MATERIAL HANDLING SYSTEM AND MATERIAL HANDLING METHOD**
[54] **SYSTEME DE MANUTENTION EN MER ET PROCEDE DE MANUTENTION**
[72] ENGENE, KNUT, NO
[72] GRANLI, TROND, NO
[72] STUEDAL, ODD INGE, NO
[71] KVÆRNER AS, NO
[85] 2017-07-28
[86] 2016-01-29 (PCT/NO2016/050015)
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[30] NO (20150140) 2015-01-30

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[51] **Int.Cl. G01R 1/04 (2006.01) H04L 12/02 (2006.01)**
[25] EN
[54] **SENSOR HUB WITH POWER MANAGER**
[54] **CONCENTRATEUR DE CAPTEURS A GESTIONNAIRE DE CONSOMMATION D'ENERGIE**
[72] GELONESE, DOMENICO, AU
[71] EMBERTEC PTY LTD, AU
[85] 2017-07-31
[86] 2016-01-29 (PCT/AU2016/000017)
[87] (WO2016/119010)
[30] AU (2015900282) 2015-01-30

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[25] EN
[54] **A METHOD AND FORMULATION FOR THE TREATMENT OF TIMBER**
[54] **PROCEDE ET PREPARATION POUR LE TRAITEMENT DE RONDINS DE BOIS**
[72] HUMPHREY, DAVID, AU
[72] SKEWES, BRETT, AU
[72] MCFARLING, SHANE, AU
[71] ARCH WOOD PROTECTION PTY LTD, AU
[85] 2017-07-31
[86] 2016-02-04 (PCT/AU2016/000027)
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[30] AU (2015900334) 2015-02-04

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[51] **Int.Cl. F28F 9/02 (2006.01) F24D 19/02 (2006.01) F28D 1/04 (2006.01) F28F 1/30 (2006.01)**
[25] EN
[54] **RADIATOR HAVING A REVERSE FLOW MANIFOLD**
[54] **RADIATEUR AYANT UN MANIFOLD A ECOULEMENT INVERSE**
[72] ZARIC, MILUTIN, CA
[72] MEINDL, WOLFGANG PETER, CA
[71] HYDRONIC HEATING TECHNOLOGIES INC., CA
[85] 2017-07-31
[86] 2015-01-30 (PCT/CA2015/000056)
[87] (WO2015/113145)
[30] US (61/934,105) 2014-01-31

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[54] **AMELIORATION DE CONTRASTE DE COULEUR D'IMAGES MEDICALES PAR MAPPAGE DE COULEUR NON-LINEAIRE**
[72] KUCHNIO, PIOTR, BB
[72] SELA, GAL, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[54] **INDUCTIVE POWER TRANSMITTER**
[54] **EMETTEUR DE PUISSANCE INDUCTIF**
[72] CHEN, LIANG, NZ
[71] POWERBYPROXI LIMITED, NZ
[85] 2017-07-28
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[30] US (62/111,327) 2015-02-03
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[25] EN
[54] **HIGH SURFACE-AREA LYOPHILIZED COMPOSITIONS COMPRISING ARSENIC FOR ORAL ADMINISTRATION IN PATIENTS**
[54] **COMPOSITIONS LYOPHILISEES A SURFACE SPECIFIQUE ELEVEE COMPRENANT DE L'ARSENIC DESTINEES A UNE ADMINISTRATION ORALE CHEZ DES PATIENTS**
[72] KURUMADDALI, KUMAR, US
[72] VADDI, KRISHNA, US
[71] ORSENIX HOLDINGS BV, US
[85] 2017-07-28
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[25] EN
[54] **Y-90-LABELED ANTI-CD22 ANTIBODY (EPRATUZUMAB TETRAXETAN) IN REFRACTORY/RELAPSED ADULT CD22+ B-CELL ACUTE LYMPHOBLASTIC LEUKEMIA**
[54] **ANTICORPS ANTI-CD22 (EPRATUZUMAB TETRAXETAN) MARQUE PAR Y-90 EN CAS DE LEUCEMIE LYMPHOBLASTIQUE AIGUE A CELLULES B CD22+ DE L'ADULTE RECIDIVANTE/REFRACTAIRE**
[72] CHEVALLIER, PATRICE, US
[72] KRAEBER-BODERE, FRANCOISE, US
[72] GOLDENBERG, DAVID M., US
[71] IMMUNOMEDICS, INC., US
[71] CHU DE NANTES, FR
[71] INSERM, FR
[71] UNIVERSITY OF NANTES, FR
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[54] **METHODS AND DEVICES FOR SYNCHRONIZING AND SHARING MEDIA ITEMS**
[54] **PROCEDES ET DISPOSITIFS PERMETTANT DE SYNCHRONISER ET DE PARTAGER DES ELEMENTS MULTIMEDIAS**
[72] SNIBBE, SCOTT, US
[72] MCDERMOTT, GRAHAM, US
[72] PONCZEC, JUSTIN, US
[72] SCHOEBEN, SPENCER, US
[72] FULTON, JESSE, US
[71] FACEBOOK, INC., US
[85] 2017-07-28
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[54] **TETRAHYDROPYRANYL BENZAMIDE DERIVATIVES**
[54] **DERIVES DE TETRAHYDROPYRANYLBENZAMIDE**
[72] HU, ZHI LONG, US
[72] LIU, LIAN ZHU, US
[72] MA, TIANWEI, US
[72] ZHANG, HAIZHEN, US
[72] ZHOU, JINGYE, US
[71] ELI LILLY AND COMPANY, US
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[25] EN
[54] **METHODS AND DEVICES FOR TOUCH-BASED MEDIA CREATION**
[54] **PROCEDES ET DISPOSITIFS POUR UNE CREATION MULTIMEDIA A BASE TACTILE**
[72] SNIBBE, SCOTT, US
[72] MCDERMOTT, GRAHAM, US
[72] PONCZEC, JUSTIN, US
[72] SCHOEBEN, SPENCER, US
[72] FULTON, JESSE, US
[71] FACEBOOK, INC., US
[85] 2017-07-28
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[25] EN
[54] **DRIVING DEVICE OF ALL-DIRECTIONAL AUTOMATIC WELD SEAM FLAW DETECTION INSTRUMENT AND APPLICATION THEREOF**
[54] **DISPOSITIF D'ENTRAINEMENT D'INSTRUMENT DE DETECTION DE PAILLE DE CORDON DE SOUDURE AUTOMATIQUE OMNIDIRECTIONNEL ET SON APPLICATION**
[72] ZENG, QINGLIANG, CN
[72] YANG, YANG, CN
[72] WAN, LIRONG, CN
[72] AN, NING, CN
[72] MENG, ZHAOSHENG, CN
[72] WANG, GANG, CN
[72] LU, ZHENGUO, CN
[72] LI, WEIMIN, CN
[72] KONG, SHUAI, CN
[72] WANG, XIAOHUAN, CN
[72] WANG, RENHUI, CN
[71] SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY, CN
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[25] EN
[54] **MOTOR ASSEMBLY FOR RECLINING FURNITURE**
[54] **ENSEMBLE MOTEUR POUR MEUBLES INCLINABLES**
[72] GRIGGS, BILLY JOE, JR., US
[71] GRIGGS, BILLY JOE, JR., US
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[25] EN
[54] **MICROFLUIDIC SENSING**
[54] **DETECTION MICROFLUIDIQUE**
[72] SELLS, JEREMY, US
[72] MCGUINESS, NICHOLAS MATTHEW COOPER, US
[72] DOMINGUE, CHANTELLE ELIZABETH, US
[72] GIRI, MANISH, US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[54] **DIAGNOSTIC CHIP**
[54] **PUCE DE DIAGNOSTIC**
[72] MCGUINNESS, NICHOLAS MATTHEW COOPER, US
[72] DOMINGUE, CHANTELLE ELIZABETH, US
[72] SELLS, JEREMY, US
[72] GIRI, MANISH, US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[54] **FLUID TESTING CHIP AND CASSETTE**
[54] **CASSETTE ET PUCE DE TEST DE FLUIDE**
[72] GIRI, MANISH, US
[72] DOMINGUE, CHANTELLE E., US
[72] MOLINE, ROBERT J., US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[54] **LOW-ENERGY PROPPANTS FOR DOWNHOLE OPERATIONS**
[54] **AGENTS DE SOUTENEMENT DE FAIBLE ENERGIE POUR OPERATIONS DE FOND DE TROU**
[72] BURKS, JODY MARIE, US
[72] ALWATTARI, ALI, US
[72] KHAMATNUROVA, TATYANA V., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **ACTUATOR CONTROLLED VARIABLE FLOW AREA STATOR FOR FLOW SPLITTING IN DOWN-HOLE TOOLS**
[54] **STATOR A SECTION DE PASSAGE VARIABLE COMMANDEE PAR ACTIONNEUR POUR SEPARATION D'ECOULEMENT DANS DES OUTILS DE FOND DE TROU**
[72] ODEGBAMI, OLUMIDE O., US
[72] JANES, STEPHEN CHRISTOPHER, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-28
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[54] **SYSTEMS AND METHODS FOR CONTEXTUALIZED DATA PROTECTION**
[54] **SYSTEMES ET PROCEDES POUR LA PROTECTION DE DONNEES CONTEXTUALISEES**
[72] LAFEVER, MALCOLM GARY, US
[72] MYERSON, TED N., US
[72] MASON, STEVEN, US
[71] ANONOS INC., US
[85] 2017-07-28
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[25] EN
[54] **CASING COUPLING HAVING COMMUNICATION UNIT FOR EVALUATING DOWNHOLE CONDITIONS**
[54] **ACCOUPLEMENT DE TUBAGE A UNITE DE COMMUNICATION SERVANT A EVALUER DES CONDITIONS DE FOND DE TROU**
[72] ROBERSON, MARK W., US
[72] GOODWIN, SCOTT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. A61F 2/54 (2006.01)**
[25] EN
[54] **BIO-MECHANICAL PROSTHETIC FINGER WITH H-SHAPED ROCKER**
[54] **DOIGT PROTHETIQUE BIO-MECANIQUE A BASCULE EN FORME DE H**
[72] THOMPSON, ROBERT, JR., US
[72] BENGTSSON, JON, US
[72] PETO, ANTHONY CHARLES, US
[72] MACDUFF, CHARLES COLIN, US
[72] MINNIS, SYDNEY TYE, US
[72] KLUMPER, ERIC DENNIS, US
[72] CRITTENDEN, BRADLEY ARTHUR, US
[71] RCM ENTERPRISE, LLC, US
[85] 2017-07-28
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[25] EN
[54] **RADIO RECEIVER FOR DETERMINING LOCATION OF A SIGNAL SOURCE**
[54] **RECEPTEUR RADIO POUR DETERMINER L'EMPLACEMENT D'UNE SOURCE DE SIGNAL**
[72] BOVARD, REESE STEELE, US
[72] JENSEN, ERIC JOHN, US
[71] CONCENTRIC REAL TIME, LLC, US
[85] 2017-07-28
[86] 2016-02-04 (PCT/US2016/016581)
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[51] **Int.Cl. A47J 43/04 (2006.01) A47J 43/044 (2006.01) A47J 43/046 (2006.01)**
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[54] **BLENDER WITH REMOVABLE SPINDLE AND MONITORED RESERVOIR**
[54] **MELANGEUR A BROCHE AMOVIBLE ET RESERVOIR SURVEILLE**
[72] GARDNER, CLAYTON G., US
[72] VOGES, JENS P., US
[72] LAU, SHEK FAI, US
[72] GEPPERT, ANDREW, US
[71] F'REAL FOODS, LLC, US
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[30] US (62/112,116) 2015-02-04

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[51] **Int.Cl. F03B 13/26 (2006.01) F03B 17/06 (2006.01)**
[25] EN
[54] **METHOD AND PLANT FOR EXPLOITATION OF THE ENERGY OF A WATER CURRENT**
[54] **PROCEDE ET INSTALLATION POUR L'EXPLOITATION DE L'ENERGIE D'UN COURANT D'EAU**
[72] BORGESEN, ARE, NO
[71] TIDAL SAILS AS, NO
[85] 2017-07-31
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[51] **Int.Cl. A47J 37/01 (2006.01) F24C 7/08 (2006.01) F24C 15/16 (2006.01)**
[25] EN
[54] **COOKING APPLIANCE WITH DIFFERENT MODES FOR COOKING DIFFERENT TYPES OF FOOD PRODUCTS**
[54] **APPAREIL DE CUISSON AVEC DIFFERENTS MODES POUR CUIRE DIFFERENTS TYPES DE PRODUITS ALIMENTAIRES**
[72] SMITH, JACOB DANIEL, US
[72] VAUGHNER, JUSTIN MORGAN, US
[72] CALVALCANTI, VICTOR TENORIO CHAMIXAES, US
[72] EVERETT, DAVID WILLIAM, US
[72] MCNERNEY, GERALD JOSEPH, US
[72] KLOCK, CASEY AARON, US
[71] SPECTRUM BRANDS, INC., US
[85] 2017-07-31
[86] 2016-01-28 (PCT/US2016/015294)
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[30] US (62/110,481) 2015-01-31
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[51] **Int.Cl. A61N 1/00 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **MEDICAL APPARATUS INCLUDING AN IMPLANTABLE SYSTEM AND AN EXTERNAL SYSTEM**
[54] **APPAREIL MEDICAL COMPRENANT UN SYSTEME IMPLANTABLE ET UN SYSTEME EXTERNE**
[72] PIVONKA, DANIEL, US
[72] YAKOVLEV, ANATOLY, US
[72] HARTLEY, LEE FASON, US
[72] FLAHERTY, R. MAXWELL, US
[72] FLAHERTY, J. CHRISTOPHER, US
[71] NALU MEDICAL, INC., US
[85] 2017-07-28
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[25] EN
[54] **METHODS OF TREATING BRAIN EDEMA**
[54] **METHODES DE TRAITEMENT DE L'OEDEME CEREBRAL**
[72] SNUTCH, TERRANCE P., CA
[72] RUNGTA, RAVI, CA
[72] HYUN, CHOI, CA
[72] TYSON, JOHN, CA
[72] MACVICAR, BRIAN, CA
[71] SNUTCH, TERRANCE P., CA
[71] RUNGTA, RAVI, CA
[71] HYUN, CHOI, CA
[71] TYSON, JOHN, CA
[71] MACVICAR, BRIAN, CA
[85] 2017-07-28
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[30] US (62/117,287) 2015-02-17
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[51] **Int.Cl. G01N 33/24 (2006.01) E21B 49/00 (2006.01) G01V 9/00 (2006.01)**
[25] EN
[54] **A SYSTEM, METHOD AND APPARATUS FOR DETERMINING THE DISPOSITION OF STRUCTURAL FEATURES PRESENT IN BOREHOLE CORES**
[54] **SYSTEME, PROCEDE ET APPAREIL PERMETTANT DE DETERMINER LA DISPOSITION DE CARACTERISTIQUES STRUCTURELLES PRESENTES DANS DES CAROTTES DE TROUS DE FORAGE**
[72] WILSON, GRANT ALEXANDER, ZA
[72] WILSON, JOHN DAVID, ZA
[72] MULLER, MARTIN, ZA
[71] IMDEX GLOBAL B.V., NL
[85] 2017-07-28
[86] 2016-02-10 (PCT/IB2016/000106)
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[30] ZA (2015/00960) 2015-02-10

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[25] EN
[54] **INDUCTIVE LINK COIL DE-TUNING COMPENSATION AND CONTROL**
[54] **REGULATION ET COMPENSATION DU DESACCORD DE BOBINES A LIAISON INDUCTIVE**
[72] GRIFFITH, GLEN A., US
[71] THE ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH, US
[85] 2017-07-31
[86] 2016-02-04 (PCT/US2016/016527)
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[30] US (62/112,066) 2015-02-04

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[13] A1
[51] **Int.Cl. F01K 23/02 (2006.01) F01K 23/10 (2006.01) F01K 25/02 (2006.01) F02G 5/02 (2006.01)**
[25] EN
[54] **WASTE HEAT RECOVERY AND CONVERSION**
[54] **CONVERSION ET RECUPERATION DE CHALEUR PERDUE**
[72] FILIPPONE, CLAUDIO, US
[71] FILIPPONE, CLAUDIO, US
[85] 2017-07-31
[86] 2016-02-01 (PCT/US2016/015963)
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[30] US (62/125,743) 2015-01-30
[30] US (62/110,596) 2015-02-01

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[51] **Int.Cl. C12N 15/82 (2006.01) A01H 1/00 (2006.01)**
[25] EN
[54] **METHODS FOR PLASTID TRANSFORMATION**
[54] **PROCEDES DE TRANSFORMATION DE PLASTES**
[72] MARTINELL, BRIAN J., US
[72] O'KEEFE, ANNA MARY, US
[72] SOMERS, DAVID ALAN, US
[72] WILLIAMS, EDWARD JAMES, US
[72] YE, XUDONG, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2017-07-31
[86] 2016-02-04 (PCT/US2016/016639)
[87] (WO2016/126990)
[30] US (62/111,859) 2015-02-04

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[51] **Int.Cl. E01C 11/02 (2006.01) E04B 1/66 (2006.01) E04B 1/68 (2006.01)**
[25] EN
[54] **EXPANSION JOINT SEAL AND EXPANSION JOINT**
[54] **GARNITURE DE JOINT DE DILATATION ET JOINT DE DILATATION**
[72] HAMILTON, NEIL, US
[72] MOORE, GARY, US
[71] WATSON BOWMAN ACME CORPORATION, US
[85] 2017-07-31
[86] 2016-02-02 (PCT/US2016/016119)
[87] (WO2016/126673)
[30] US (62/110,900) 2015-02-02
[30] US (62/114,268) 2015-02-10

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[13] A1
[51] **Int.Cl. H05B 1/02 (2006.01) A47J 37/01 (2006.01) F24C 7/08 (2006.01)**
[25] EN
[54] **HEATING APPLIANCE**
[54] **APPAREIL DE CHAUFFAGE**
[72] SMITH, JACOB DANIEL, US
[72] MCNERNEY, GERALD JOSEPH, US
[72] MCCLUNG, WILLIAM JAMES, US
[72] KLOCK, CASEY AARON, US
[71] SPECTRUM BRANDS, INC., US
[85] 2017-07-31
[86] 2016-02-02 (PCT/US2016/016186)
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[30] US (62/110,960) 2015-02-02

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[51] **Int.Cl. B62D 21/18 (2006.01)**
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[54] **MOTORIZED VEHICLE WITH PIVOTING CABIN COMBINING FEATURES OF AUTOMOBILES AND MOTORCYCLES**
[54] **VEHICULE MOTORISE A CABINE PIVOTANTE COMBINANT DES CARACTERISTIQUES D'AUTOMOBILES ET DE MOTOCYCLETTES**
[72] CASGRAIN, DOMINIC, CA
[71] KARV A/M DESIGN, CA
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[54] **COMPOSITIONS ET METHODES POUR LA SURVEILLANCE DE LA CONSTRUCTION EN TEMPS REEL ET DU GENIE GENETIQUE BIOMEDICAL DE CHROMOSOMES SYNTHETIQUES DE MAMMIFERE**
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[72] GREENE, AMY, US
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[54] **PLATE-FORME D'INTEGRATION DE CHIFFREMENT**
[72] WILKINS, ALEC, US
[72] FISH, ERIC NATHANIEL, US
[72] LARSON, TRENT NORMAN, US
[72] BYRNE, PATRICK M., US
[71] T0.COM, INC., US
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[54] **SYSTEMES ET PROCEDES POUR DETERMINER LA VARIATION STRUCTURALE ET LA MISE EN PHASE AU MOYEN DE DONNEES D'APPEL DE VARIANT**
[72] HEATON, WILLIAM HAYNES, US
[72] KYRIAZOPOULOU-PANAGIOTOPOULOU, SOFIA, US
[72] MARKS, PATRICK, US
[72] SCHNALL-LEVIN, MICHAEL, US
[72] ZHENG, XINYING, US
[72] JAROSZ, MIRNA, US
[72] SAXONOV, SERGE, US
[72] GIORDA, KRISTINA, US
[72] MUDIVARTI, PATRICE, US
[72] ORDONEZ, HEATHER, US
[72] TERRY, JESSICA, US
[71] 10X GENOMICS, INC., US
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[54] **PREPARATIONS EN MILLI-CAPSULES COMPRENANT DES ACIDES GRAS POLYINSATURES LIBRES**
[72] KUBOTA, HIRONORI, JP
[72] CHARLES ROGEAU, ETIENNE THIERRY, FR
[72] AMEMIYA, TORU, JP
[72] MEISSONNIER, JULIEN GEORGES, FR
[72] HOLMEN, ANDERS GILLIS, SE
[72] RADEVIK, ANDREAS, SE
[72] CARLSSON, HANS, SE
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[71] OMTHERA PHARMACEUTICALS INC, US
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[54] **SWIVEL PREP TOOL**
[54] **OUTIL DE PREPARATION DE PIVOTEMENT**
[72] LEVAND, VICTOR J., US
[71] THE SHERWIN-WILLIAMS COMPANY, US
[85] 2017-07-31
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[54] **CONTAINED GROWING SPACE AND ENVIRONMENTAL CONTROL SYSTEM**
[54] **ESPACE DE CULTURE CONFINE ET SYSTEME DE CONTROLE ENVIRONNEMENTAL**
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[72] WHALEY, CHRISTOPHER, US
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[54] **CONTENANT DE RANGEMENT ET DE PRESENTATION**
[72] PHILBROOK, MARK C., CA
[72] MONTEITH, COLIN R., CA
[71] PHILBROOK, MARK C., CA
[71] MONTEITH, COLIN R., CA
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[54] **RADIOACTIVE FLUORINE LABELING PRECURSOR COMPOUND AND METHOD FOR MANUFACTURING RADIOACTIVE FLUORINE LABELED COMPOUND USING THE SAME**
[54] **COMPOSE PRECURSEUR D'ETIQUETAGE DE FLUOR RADIOACTIF ET METHODE DE FABRICATION DE COMPOSE ETIQUETE FLUOR RADIOACTIF EMPLOYANT LEDIT COMPOSE**
[72] TOYAMA, MASAHITO, JP
[72] KIRIU, MASATO, JP
[72] TANAKA, HIROSHI, JP
[71] NIHON MEDI-PHYSICS CO., LTD., JP
[71] TOKYO INSTITUTE OF TECHNOLOGY, JP
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[54] **BITUMEN SOLIDIFICATION AND PRILLING**
[54] **SOLIDIFICATION DU BITUME ET GRENOLAGE**
[72] GUPTA, SUBODH, CA
[72] HOLMES, MICHAEL N., CA
[72] MACDONALD, ERIC A., CA
[72] WOOD, JENNIFER D., CA
[71] CENOVUS ENERGY INC., CA
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[54] **COLLECTEUR D'ECHANTILLON DE LIQUIDE SEPARABLE**
[72] BODNER, MOISHE, US
[71] BODNER, MOISHE, US
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[25] EN
[54] **COMPOSITIONS CONTAINING POLYMERIC SULFUR AND USES THEREOF**
[54] **COMPOSITIONS RENFERMANT DU SOUFRE POLYMERIQUE ET UTILISATIONS ASSOCIEES**
[72] DUNN, KELLY, US
[72] FASSIH, ALI, US
[72] EKMAN-GUNN, EUEN T., US
[72] LI, WEN-HWA, US
[72] PARSA, RAMINE, US
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[54] **PHOTOCHEMICAL HYDROGENATION OF HEAVY FRACTIONS OF HYDROCARBON STREAMS**
[54] **HYDROGENATION PHOTOCHIMIQUE DE FRACTIONS LOURDES DE FLUX D'HYDROCARBURE**
[72] CORREA, RODRIGO JOSE, BR
[72] FLEMING, FELIPE PEREIRA, BR
[71] PETROLEO BRASILEIRO S.A. - PETROBRAS, BR
[71] UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, BR
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[54] **METHOD FOR THE MANUFACTURE OF UREA**
[54] **PROCEDE DE FABRICATION D'UREE**
[72] MABROUK, RACHID, DE
[72] WAWRZINEK, KLEMENS, DE
[72] VOSS, CHRISTIAN, DE
[72] SCHWARZHUBER, JOSEF, DE
[72] SELIGER, ANDREAS, DE
[72] SCHURER, BENEDIKT, DE
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[54] **COMPOSITION AND METHOD OF USE OF VTAE**
[54] **COMPOSITION ET METHODE D'UTILISATION DE DILUEUR D'ASPHALTE POUR COLONNE DE DISTILLATION SOUS VIDE**
[72] BOULDIN, MARK G., US
[72] GRZYBOWSKI, KENNETH FRANCIS, US
[72] LEWIS, STEPHEN CAREY, US
[72] MARTIN, JEAN-VALERY, US
[72] PALMER, WILLIAM ALLEN, US
[71] KLEEN PERFORMANCE PRODUCTS, INC., US
[22] 2016-11-17
[41] 2017-05-17
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[54] **IMAGING SYSTEM FOR FUEL TANK ANALYSIS**
[54] **SYSTEME D'IMAGERIE DESTINE A L'ANALYSE DE RESERVOIR DE CARBURANT**
[72] ZAKRZEWSKI, RADOSLAW, US
[72] MILLER, MARK SHERWOOD, US
[72] LYNCH, MICHAEL A., US
[71] SIMMONDS PRECISION PRODUCTS, INC., US
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[54] **BRANCHED DIESTERS AND METHODS OF MAKING AND USING THE SAME**
[54] **DIESTERS RAMIFIES ET METHODE DE FABRICATION ET D'UTILISATION ASSOCIEES**
[72] NARINE, SURESH, CA
[72] BOUZIDI, LAZIZ, CA
[72] RAGHUNANAN, LATCHMI, CA
[71] TRENT UNIVERSITY, CA
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[54] **APPAREIL D'ELIMINATION DE MATIERE D'UN VOLUME DE LIQUIDE**
[72] VLAHOGEORGE, JOHN T., US
[71] VLAHOGEORGE, JOHN T., US
[22] 2016-12-06
[41] 2017-07-28
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[54] **SAC REFERMABLE DOTE D'UN ENTETE**
[72] CHANG, LI-YUNG, US
[72] LI, HSIAOLEI, US
[71] INTEPLAST GROUP CORPORATION, US
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[54] **SOYBEAN CULTIVAR AR1315673**
[54] **CULTIVAR DE SOYA AR1315673**
[72] MCCLURE, DONALD BRUCE, CA
[72] LEE, DAVID SCOTT, CA
[71] SYNGENTA PARTICIPATIONS AG, CH
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[72] MCCLURE, DONALD BRUCE, CA
[72] LEE, DAVID S., CA
[71] SYNGENTA PARTICIPATIONS AG, CH
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[72] LEE, DAVID SCOTT, CA
[71] SYNGENTA PARTICIPATIONS AG, CH
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[54] **PAVEMENT MARKING METHOD AND COMPOSITION**
[54] **METHODE DE MARQUAGE DE LA CHAUSSEE ET COMPOSITION**
[72] BOISE, LAWRENCE H., US
[72] SCHULTZ, STEPHEN S., US
[71] FRANKLIN PAINT COMPANY, LLC, US
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[54] **APPAREIL VIBRATOIRE DOTE D'UN PANNEAU DE PLATEFORME ET METHODE D'ASSEMBLAGE**
[72] QUINN, KERRY WILLIAM, US
[72] MASSMAN, STEVE, US
[72] HEALLESS, JUSTEN, US
[71] GENERAL KINEMATICS CORPORATION, US
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[54] **SECONDARY CONTAINMENT PANELS AND PROCESS FOR MAKING AND INSTALLING SAME**
[54] **PANNEAUX DE RETENUE SECONDAIRES ET PROCEDE DE FABRICATION ET D'INSTALLATION**
[72] WHITENER, MICHAEL, US
[71] TITELINE LLC, US
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[54] **SAFETY ANCHOR**
[54] **ANCRAGE DE SECURITE**
[72] GOODER, JAMES, GB
[71] QBM DISTRIBUTORS LTD, GB
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[54] **CONTENANTS DOTES DE PAROIS LATERALES DEROULANTES ET DE COINS RENFORCES**
[72] SMITH, KENNETH C., US
[71] WESTROCK SHARED SERVICES, LLC, US
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[54] **CONTENANT DOTE D'UNE STRUCTURE DE RENFORT ET METHODE DE FORMAGE ASSOCIEE**
[72] AGUIRRE, RAY, US
[71] WESTROCK SHARED SERVICES, LLC, US
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[25] FR
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[54] **PROCEDE DE FABRICATION D'UN MOULE FLEXIBLE A RAIDISSEUR PERIPHERIQUE, ET MOULE RESULTANT DUDIT PROCEDE**
[72] VIANCIN, JEAN-CHARLES, CN
[71] VIANCIN, JEAN-CHARLES, CN
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[54] **APPAREIL DE NETTOYAGE DE DRAIN**
[72] BECK, HAROLD KENT, US
[72] AHUJA, SANJAY, US
[72] HODGSON, STEPHEN S., US
[71] PF WATERWORKS LP, US
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[30] US (15/009,613) 2016-01-28
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[54] **SAG-RESISTANT CONTAINERS AND BLANKS FOR MAKING THE SAME**
[54] **CONTENANTS RESISTANT A L'AFFAISSEMENT ET EBAUCHES SERVANT A LEUR FABRICATION**
[72] BUSCEMA, CRAIG W., US
[71] WESTROCK SHARED SERVICES, LLC, US
[22] 2017-01-30
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[54] **ANIMAL FOOD AND METHOD FOR PREPARING SAME**
[54] **ALIMENTATION ANIMALE ET METHODE DE PREPARATION ASSOCIEE**
[72] GOLDSTEIN, ROBERT, US
[71] GOLDSTEIN, ROBERT, US
[22] 2017-02-06
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[54] **APPAREIL D'INFUSION DE BOISSON ET EXTRACTION DE CAPSULES DE BOISSON DE DIFFERENTES TAILLES**
[72] BRANDSMA, DAVID L., US
[72] WEBSTER, JOSEPH P., US
[71] NEWCO ENTERPRISES, INC., US
[22] 2017-02-03
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[54] **DEGIGN AND OPERATION OF OLEOPHILIC SEPARATORS USING LONG OLEOPHILIC PIPES, TUBES OR RODS INSTEAD OF OLEOPHILIC BALLS**
[54] **CONCEPT ET EXPLOITATION DE SEPARATEURS OLEOPHILES EMPLOYANT DES TUYAUX, DES TUBES OU DES TIGES OLEOPHILES LONGS AU LIEU DE BALLES OLEPHILES**
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[54] **METHODE ET APPAREIL DE TRAITEMENT DE MFT AU MOYEN DE SECHAGE PAR COUCHE ULTRA MINCE**
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[54] **SYSTEMES A PLANS DECALES PERMETTANT DE CONTROLER LE CONTENU D'UN OU DE PLUSIEURS COMPARTIMENTS(S) D'UN DISTRIBUTEUR DE MEDICAMENTS, METHODES DE FABRICATION ET D'UTILISATION CORRESPONDANTES**
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[54] **APPAREIL DE BRACHYTHERAPIE ET PROCEDES POUR SON UTILISATION**
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[72] CHI SING, EDUARDO, US
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[72] CARBULLIDO, KENNETH, US
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[54] **PROCEDES ET APPAREIL D'IMAGERIE COMBINES A LA RADIOTHERAPIE**
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[72] LEUNG, JEFFREY C., US
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[54] **SYSTEM FOR DELIVERING CONFORMAL RADIATION THERAPY WHILE SIMULTANEOUSLY IMAGING SOFT TISSUE**
[54] **SYSTEME D'ADMINISTRATION D'UNE THERAPIE DE RADIATION CONFORMEE PENDANT L'IMAGERIE SIMULTANEE DE TISSU MOU**
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[54] **INSTRUMENT CHIRURGICAL ULTRASONIQUE**
[72] HOUSER, KEVIN L., US
[72] FALLER, CRAIG N., US
[72] ISAACS, KAREN M., US
[72] BARTON, SCOTT N., US
[72] NEUENFELDT, STEVEN K., US
[72] NEUROHR, MARK A., US
[71] ETHICON ENDO-SURGERY, INC., US
[22] 2005-10-07
[41] 2006-04-20
[62] 2,582,520
[30] US (60/617,427) 2004-10-08

[21] **2,974,930**
[13] A1
[51] **Int.Cl. A61B 18/00 (2006.01) A61B 17/29 (2006.01) A61B 17/32 (2006.01)**
[25] EN
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[72] FALLER, CRAIG N., US
[72] ISAACS, KAREN M., US
[72] BARTON, SCOTT N., US
[72] NEUENFELDT, STEVEN K., US
[72] NEUROHR, MARK A., US
[71] ETHICON ENDO-SURGERY, INC., US
[22] 2005-10-07
[41] 2006-04-20
[62] 2,582,520
[30] US (60/617,427) 2004-10-08

[21] **2,974,960**
[13] A1
[51] **Int.Cl. C07D 471/14 (2006.01) A61K 31/4375 (2006.01) A61K 31/551 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **NOVEL QUINOLINE COMPOUNDS AND USES THEREOF**
[54] **NOUVELLES COMPOSITIONS, LEURS UTILISATIONS ET LEURS PROCEDES DE PREPARATION**
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[71] PIMERA, INC., US
[22] 2015-05-09
[41] 2015-11-12
[62] 2,948,173
[30] US (61/991,282) 2014-05-09
[30] US (62/050,202) 2014-09-15
[30] US (62/054,054) 2014-09-23
[30] US (62/128,208) 2015-03-04

[21] **2,974,972**
[13] A1
[51] **Int.Cl. A61K 9/14 (2006.01) B82Y 5/00 (2011.01) A61P 17/10 (2006.01)**
[25] EN
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[54] **PROCEDE ET APPAREIL POUR L'ADMINISTRATION DERMIQUE D'UNE SUBSTANCE**
[72] ANDERSON, RICHARD ROX, US
[72] FARINELLI, WILLIAM A., US
[71] THE GENERAL HOSPITAL CORPORATION, US
[22] 2010-05-26
[41] 2010-12-16
[62] 2,763,221
[30] US (61/181,228) 2009-05-26

[21] **2,975,038**
[13] A1
[51] **Int.Cl. F16L 58/00 (2006.01) F16L 55/115 (2006.01) F16L 57/06 (2006.01) H02G 3/06 (2006.01)**
[25] EN
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[54] **MANCHON DE CONDUIT DOTE D'UN BOUCHON D'EXTREMITE DETACHABLE**
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[71] THOMAS & BETTS INTERNATIONAL, LLC, US
[22] 2015-05-13
[41] 2015-11-13
[62] 2,891,271
[30] US (61/992,747) 2014-05-13

[21] **2,975,100**
[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01) G06F 19/00 (2011.01) H04L 9/00 (2006.01)**
[25] EN
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[72] VAN DIJK, JORN, US
[72] HE, LIN, US
[71] FACEBOOK, INC., US
[22] 2013-08-20
[41] 2014-02-27
[62] 2,881,940
[30] US (13/591,512) 2012-08-22

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[21] **2,975,186**
[13] A1
[51] **Int.Cl. G01N 33/58 (2006.01) G01N 1/40 (2006.01) G01N 33/52 (2006.01)**
[25] EN
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[72] GROSS, STEVEN, US
[72] KELLY, JAMES MICHAEL, US
[72] COUMANS, FRANK, NL
[71] VERIDEX, LLC, US
[22] 2009-07-24
[41] 2010-01-29
[62] 2,674,187
[30] US (12/181,399) 2008-07-29

[21] **2,975,210**
[13] A1
[51] **Int.Cl. F04B 43/04 (2006.01) F04B 17/04 (2006.01) F04B 45/047 (2006.01) F04B 49/02 (2006.01) F04B 49/06 (2006.01)**
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[72] TIMBERLAKE, BRENT, US
[72] MANOUX, PHILIPE, US
[71] NUELLE, INC., US
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[41] 2015-03-05
[62] 2,922,610
[30] US (61/871,832) 2013-08-29
[30] US (61/993,041) 2014-05-14

[21] **2,975,222**
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[51] **Int.Cl. G06F 3/0481 (2013.01) G06F 3/0484 (2013.01) G06F 17/30 (2006.01)**
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[72] PALEY, KATE C., US
[71] WORD DIAMONDS LLC, US
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[41] 2010-04-08
[62] 2,738,484
[30] US (61/102,663) 2008-10-03

[21] **2,975,229**
[13] A1
[51] **Int.Cl. H04W 12/08 (2009.01) H04W 12/06 (2009.01) H04W 80/00 (2009.01) H04W 88/02 (2009.01)**
[25] EN
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[71] THE BOEING COMPANY, US
[22] 2012-09-11
[41] 2013-04-18
[62] 2,849,321
[30] US (13/272708) 2011-10-13

[21] **2,975,313**
[13] A1
[51] **Int.Cl. A61K 31/015 (2006.01) A61K 31/01 (2006.01) A61K 31/045 (2006.01) A61K 31/075 (2006.01) A61K 31/12 (2006.01) A61K 31/19 (2006.01) A61K 45/00 (2006.01)**
[25] EN
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[72] DICK, CLAYTON PAUL, CA
[72] VERZBERGER-EPSHTEIN, ISABELLA, CA
[71] AVIVAGEN INC., CA
[22] 2010-04-30
[41] 2010-11-04
[62] 2,771,204
[30] US (61/174,259) 2009-04-30

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BUDLER, NICHOLAS 2,877,910
BUEHLER, GUNNAR 2,747,646
BUNNEY, WILLIAM E., JR. 2,629,299
BURCHAM, ROBERT H. 2,938,711
BURD, PETER JOHN LESLIE 2,893,291
BURGER, ANGELIKA 2,772,411
BURI, MATTHIAS 2,800,858
BURI, MATTHIAS 2,882,929
BURKHART, DAVID J. 2,689,473
BURLAGE, JASON 2,704,877
BURMEISTER, MARGIT 2,629,299
BURNS, TIMOTHY DONALD, SR. 2,838,858
BURTON, CLIVE HILTON 2,650,945
BURTON, KEVIN 2,872,887
BUSH, SHAWN D. 2,869,727
BUTAMAX(TM) ADVANCED BIOFUELS LLC 2,766,498
BUTLER, CHARLES ROLAND, JR. 2,908,466
BUTTS, JEFFREY 2,751,234
BYSTRONIC LENHARDT GMBH 2,768,853
C.R. BARD, INC. 2,870,294
CAI, JUEXIAO 2,903,478
CAI, JUEXIAO 2,916,387
CAI, ZHIJUN 2,755,326
CAI, ZHIJUN 2,763,048
CAMBOIS, GUILLAUME 2,770,768
CAMERON INTERNATIONAL CORPORATION 2,713,714
CAMILO-MARTINEZ, JOSE 2,768,482
CAMINAL, CLARA 2,765,915
CAMPBELL, BRIAN T. 2,718,123
CAMUSSI, GIOVANNI 2,727,392
CAO PHARMACEUTICALS INC. 2,703,054
CAO, GUOHUA 2,893,707
CAO, HONGWEI 2,800,891
CAO, SHUO 2,823,121
CAO, ZHISONG 2,703,054
CAPACCIOLI, SIMONE 2,723,853
CARBONELL DUQUE, SANTIAGO 2,800,689
CARBONELL, JOHN R. 2,821,300
CARBONELL, RUBEN G. 2,723,785
CARDY, JONATHAN RAYMOND 2,800,689
CARGILL, INCORPORATED 2,724,486
CARINA TECHNOLOGY, INC. 2,765,674
CARLSBERG A/S 2,746,704
CARLSSON, MATS 2,828,057
CARLUCCI, VITO 2,933,896
CARLUCCI, VITO 2,934,320
CARMEDA AB 2,732,939
CAROFF, EVA 2,756,542
CAROFF, EVA 2,756,654
CARPINO, PHILIP ALBERT 2,853,024
CARRETTE, PIERRE-LOUIS 2,699,240
CARROLL, JAMIE A. 2,831,840
CARSON, DANIEL ROBERT 2,761,723
CARTER, CHARLES ASHTON GARRET 2,718,455
CARTWRIGHT, PETER S. 2,746,986
CASALE SA 2,792,985
CATALYST BIOSCIENCES, INC. 2,626,356
CATERPILLAR INC. 2,812,314
CATOIU, MIRON 2,803,451
CAUWENBERGHS, SANDRA 2,929,650
CDVI GROUP 2,773,993
CECI, ANGELO 2,759,126
CELGENE CORPORATION 2,794,060
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,726,261
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS 2,764,263
CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA 2,748,493
CETINKAYA, EBRU 2,850,110
CHAILLEY, SEBASTIEN 2,710,593
CHANASYK, LARRY 2,818,208
CHANDRASEKHAR, JAYARAMAN 2,919,479
CHANG JONG-SAN 2,726,261
CHANG, CHIEN-HSING 2,604,032
CHAO, QI 2,718,123
CHAPMAN, MARK S. 2,754,913
CHARON, CHRISTINE 2,718,402
CHATTERJI, JITEN 2,880,480
CHEMISCHE FABRIK BUDENHEIM KG 2,747,646
CHEMISCHE FABRIK BUDENHEIM KG 2,770,619
CHEMLA, DENIS 2,713,675
CHEN, CHIEN-CHIANG 2,928,380
CHEN, DENNIS H. 2,821,464
CHEN, GUOAN 2,893,707
CHEN, JIANGUO 2,917,665
CHEN, PENG 2,802,921
CHEN, PO-YU 2,913,427
CHEN, SHUANG 2,699,981
CHEN, WEI 2,693,907
CHEN, WEICHAO 2,728,756
CHEN, ZHIQIANG 2,823,121
CHENG, HENG 2,900,854
CHENG, YONGHUA 2,818,208
CHERRY, CARL L. 2,800,689
CHEVRON U.S.A. INC. 2,739,558
CHEVRON U.S.A. INC. 2,739,593
CHI, QUINN 2,876,722
CHICA, FRANK 2,727,713
CHIDA, JUNJI 2,877,232
CHIKATSUNE, HIROSHI 2,931,087
CHILVER, IAN 2,749,407
CHIN-FU CHEN 2,913,427
CHINA UNIVERSITY OF MINING AND TECHNOLOGY 2,893,707
CHINA UNIVERSITY OF PETROLEUM-BEIJING 2,888,003
CHIROLI, VALERIO 2,723,704
CHISHOLM, P. SCOTT 2,718,455
CHMURA, KEVIN 2,792,548
CHOI, IN HWAN 2,697,486
CHOI, YOUNGHEE 2,834,249
CHOI, YUN SEOK 2,783,099
CHONG KUN DANG PHARMACEUTICAL CORP. 2,829,676

CHONG, WESLEY KWAN MUNG 2,723,704
CHOUDARY, PRABHAKARA V. 2,629,299
CHOWDHURY, SAZZADUR 2,790,083
CHOWDHURY, SUMANA ROY 2,723,785
CHRISTENSEN, MATTIAS 2,726,226
CHROMOCENTER INC. 2,786,659
CHUA, PETER C. 2,661,842
CHUCK, CHEN 2,822,165
CHUIKO, ALEKSANDR GEORGIEVICH 2,920,639
CHUJOH, TAKESHI 2,847,304
CHUN, CHEN NAN 2,896,544
CHUNG, WILLIAM 2,843,523
CHUYKO, ANASTASIA ALEKSANDROVNA 2,920,639
CIDRA CORPORATE SERVICES, INC. 2,724,786
CINSAY, INC. 2,877,567
CIPOLLO, NICHOLAS J. 2,764,240
CISSE, LADJI 2,743,739
CLANCY, MICHAEL S. 2,792,548
CLARA, PHILIPPE 2,710,593
CLARK, DOUGLAS P. 2,703,631
CLAUSS, ANNIE 2,767,051
CLEAN POWER RESEARCH, L.L.C. 2,842,932
CLINGMAN, SCOTT R. 2,871,177
CLYDE BERGEMANN, INC. 2,657,447
CNH INDUSTRIAL CANADA, LTD. 2,806,410
COBLER, BRAD A. 2,763,077
COHEN, RAKEFET 2,945,537
COLAS 2,755,869
COLLAZO, CARLOS E. 2,901,912
COLLINGS, BRUCE 2,711,707
COLLINS, DEAN M. 2,799,714
COLMAC COIL MANUFACTURING, INC. 2,765,042
COMBES, STEPHANIE 2,740,722
COMCAST CABLE COMMUNICATIONS, LLC 2,632,295
COMCAST CABLE COMMUNICATIONS, LLC 2,761,820
COMERFORD, TIMOTHY NOONAN 2,874,636
COMMARET, PATRICE 2,774,440
COMPTON, JOHN I. 2,891,790
COMRIE, DOUGLAS C. 2,675,876
CONAIR CORPORATION 2,933,896
CONAIR CORPORATION 2,934,320
CONG, QIANG 2,900,854
CONN, EDWARD LEE 2,853,024
CONNER, LEE ROBERT 2,693,709
CONSTON, STANLEY R. 2,592,459
COODE, CATHERINE MICHELLE 2,800,689
COOK MEDICAL TECHNOLOGIES LLC 2,792,548
COOLEY, ROY 2,891,790
COOLEY, SHAUN 2,876,662
COOPER, JERAMIE 2,746,201
COPPOLA, EDWARD N. 2,889,012
CORIC, IVAN 2,799,106
CORNELL UNIVERSITY 2,682,232
CORRECT MOTION INC. 2,963,721
COSGROVE, MATHEW A. 2,856,865
COSTA, DOMINGOS NELSON 2,852,979
COUADE, MATHIEU 2,764,263
COUNTERTACK, INC. 2,765,485
COVE, PETER L. 2,747,221
COVEY, THOMAS R. 2,663,698
COX, STEPHEN JOHN 2,770,171
COX, STEPHEN JOHN 2,784,947
CRAIN, STEPHEN G. 2,764,399
CRAMER, THOMAS 2,882,547
CRANKSON, KWAMINA 2,807,938
CREDO, GRACE M. 2,858,036
CREGGER, TRICIA A. 2,901,301
CREGGER, TRICIA A. 2,901,303
CRISCITELLO, MARK S. 2,754,238
CROSIGNANI, STEFANO 2,929,650
CROWLEY, KATHLEEN S. 2,561,519
CUELLAR, KYLE T. 2,763,714
CUMBE, CARLOS 2,725,061
CUNNINGHAM, GREGORY SCOTT 2,889,134
CURATU, COSTIN EUGENE 2,761,723
CURD, JOHN G. 2,944,644
CURRIE, KEVIN S. 2,919,479
CURRY, KENNETH M. 2,773,336
CUZYDLO, MICHAEL 2,765,910
CZAMARA, MICHAEL P. 2,774,238
D12 VENTURES, LLC 2,754,238
DADO, GREGORY P. 2,768,759
DAHL, PETER H. 2,784,811
DAHL, SOREN 2,715,352
DAHLIN, EDWARD 2,777,006
DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD. 2,909,981
DALHOUSIE UNIVERSITY 2,789,129
DAMTOFT, JESPER SAND 2,761,840
DANGUI, RAHUL 2,845,923
DANIEL MEASUREMENT AND CONTROL, INC. 2,849,086
DANIEL MEASUREMENT AND CONTROL, INC. 2,879,420
DANIELS, EVAN R. 2,879,604
DANIELS, JONATHAN S. 2,858,036
DARROW, DONALD CHESTER 2,890,761
DATURI, MARCO 2,726,261
DAUGHERTY, JOHN R. 2,872,125
DAUK, RICHARD N. 2,730,207
DAVANCENS, ANGELICA 2,858,185
DAVIS, CARA R. 2,872,887
DAVIS, MICHAEL A. 2,724,786
DAVIS, MURRAY W. 2,834,064
DAVISON, TIM 2,664,383
DAZET, FRANCIS 2,773,532
DE ANGELIS, ANDREA 2,710,997
DE KADT, CHRISTOPHER RICHARD JAQUES 2,825,153
DE KONINCK, YVES 2,854,675
DE LA GARZA, JAVIER VALDES 2,902,891
DE SANTOS AVILA, JUAN M. 2,727,713
DE STAAT DER NEDERLANDEN, VERT. DOOR DE MINISTER VAN VWS 2,729,414
DEAN, MICHAEL 2,897,309
DEAN, URIAH C. 2,763,352
DEAR, PAUL 2,907,868
DECKMAN, ROBERT K. 2,649,805
DEEDRICH, DENNIS M. 2,812,314
DEEGAN, PAUL TIMOTHY 2,904,679
DEERE & COMPANY 2,755,334
DEGIORGIS, PIERO GIORGIO 2,706,278
DEGOEY, DAVID A. 2,699,981
DEGUDENT GMBH 2,763,426
DEHEZ, HAROLD 2,854,675
DEJESUS, ORLANDO 2,850,725
DEL BELLO, FRANCESCO 2,710,997
DELACROIX, BRADLEY 2,763,352
DELAHAYE, ROMAIN 2,798,046
DELTA FAUCET COMPANY 2,815,849
DEMEULENAERE, BRAM EUGENE G. 2,779,291
DEMIRCIOGLU, ISMAIL 2,850,110
DENDY, DANNEY 2,693,709
DENKER, DENNIS A. 2,754,493
DENTON, ROBERT D. 2,900,702
DENTSPLY INTERNATIONAL INC. 2,792,101
DEORAS, ANOOP 2,680,304
DEPASE, EDOARDO 2,890,761
DEROOSE, FREDERIK 2,929,650
DERYCKE, JEAN-NOEL 2,785,364
DESBIENS, LOUIS 2,881,413
DESOUSA, DANIEL 2,788,233
DETEC SYSTEMS LTD. 2,911,883
DEUBER, LOUIS 2,813,460
DEUTSCHE POST AG 2,945,239
DH DESIGN SOLUTIONS INC. 2,682,006
DH TECHNOLOGIES DEVELOPMENT PTE. LTD. 2,663,698
DH TECHNOLOGIES DEVELOPMENT PTE. LTD. 2,711,707
DHAKAL, SAGAR 2,816,252
DHANDA, MUNGAL S. 2,758,332
DIACHINA, JOHN 2,800,609
DIAMOND, SCOTT L. 2,703,631
DIAS, ANTHONY J. 2,877,472
DICKINSON, ANDREW B. 2,881,149
DICKMAN, ERICK M. 2,927,983
DICKMAN, JEFF 2,856,865
DICKSON, JASPER L. 2,900,702
DIDDEN, LAURENT 2,829,159
DIETERICH STANDARD, INC. 2,904,679
DILLENSEGER, SERGE 2,795,473
DING, GUANGWEI 2,823,121
DING, LIEMING 2,914,698
DING, LIEMING 2,914,854
DING, LIEMING 2,914,857
DIONNE, HUGUES 2,755,777
DIOUM, SERIGNE 2,768,001
DISTELDORF, WALTER 2,746,571
DITTMER, TIM 2,842,295

DODGE, STEVEN	2,732,300
DOLBY INTERNATIONAL AB	2,925,139
DOLD, FLORIAN	2,890,138
DOMAILLE, PETER J.	2,821,241
DOMINGUEZ HORTA, MARIA DEL CARMEN	2,748,493
DONAGHEY, ANDREW PAUL	2,571,344
DONG, LIMING	2,723,704
DONNER, PAMELA L.	2,699,981
DOODS, HENRI	2,759,126
DOOLEY, BRYNN	2,888,881
DOROVSKY, VITALY N.	2,898,444
DOSHEV, PETAR	2,927,108
DOU, LILIANG	2,818,208
DOW AGROSCIENCES LLC	2,804,808
DOW AGROSCIENCES LLC	2,825,475
DOW GLOBAL TECHNOLOGIES LLC	2,763,077
DOW TECHNOLOGY INVESTMENTS LLC	2,759,390
DOW, ROBERT LEE	2,853,024
DOWLING, MATTHEW SCOTT	2,853,024
DOWNING, TODD	2,877,567
DREHER, GAEL	2,761,759
DRIESSENS, GREGORY	2,929,650
DRIVE MEDICAL DESIGN & MFG.	2,788,233
DROZDZ, SOPHIE	2,699,240
DRW TECHNOLOGIES LLC	2,865,926
DU, QINGYONG	2,893,707
DU, ZHIMIN	2,919,479
DUBOY, DOMINIQUE	2,797,332
DUCAUCHUIS, JEAN-PIERRE	2,778,844
DUCKWORTH, NOEL	2,643,219
DUCORNETZ, BEATRICE	2,701,665
DUCOS, DOMINIQUE	2,892,475
DUEPRE, YVONNE	2,749,873
DUFOUR, EMMANUELLE-CECILE	2,710,646
DUFRENEY, JEAN-MICHEL	2,959,447
DUGAS, AARON WILLIAM	2,923,992
DUGERIE, MARC	2,798,046
DUMONT, JEAN-FRANCOIS	2,781,013
DUNLOP, COLIN	2,760,634
DURAND, GRAZIELLA	2,755,869
DURIO, KENNETH EDWARD	2,923,992
DURKIN, STEVEN PETER	2,786,624
DURSTON, THOMAS W.	2,710,639
DUSTERHOFT, RONALD G.	2,828,970
DUTEAUD, ISABELLE	2,752,913
DWARS, SICCO	2,755,652
DYKSTRA, JASON D.	2,850,725
E. I. DU PONT DE NEMOURS AND COMPANY	2,760,481
E.I. DU PONT DE NEMOURS AND COMPANY	2,706,614
EAGLEBURGMANN GERMANY GMBH & CO. KG	2,904,708
EAKINS, CHARLES A., JR.	2,927,983
EARNSHAW, ANDREW MARK	2,763,048
EATON ELECTRICAL IP GMBH & CO. KG	2,787,707
ECARDLESS BANCORP, LTD.	2,939,482
ECHOSTAR TECHNOLOGIES L.L.C.	2,940,156
ECHOSTAR TECHNOLOGIES LLC	2,795,119
ECK, BRIAN	2,883,954
ECOLE NATIONALE SUPERIEURE DE TECHNIQUES AVANCEES	2,713,675
EDER, THOMAS	2,777,654
EDGE THERAPEUTICS, INC.	2,872,887
EDWARDS, MARTIN PAUL	2,884,848
EDWARDS, RICHARD LAMAR	2,923,992
EI INC.	2,747,667
EISENMENGER, RICHARD J.	2,812,314
EKHOLM, MICHAEL	2,804,617
EL AHMAD, YOUSSEF	2,767,051
ELBAWAB, SAMER	2,718,402
ELBERBAUM, DAVID	2,926,456
ELBEX VIDEO LTD.	2,926,456
ELECTRICITE DE FRANCE	2,747,373
ELIBOL, OGUZ H.	2,858,036
ELLUL, MARIA D.	2,877,472
ELSEN, ERICH KONRAD	2,905,385
ENDOU, YUUKI	2,902,417
ENDRESS+HAUSER WETZER GMBH+CO. KG	2,807,260
ENERGY RECOVERY, INC.	2,890,743
ENGINEERED CORROSION SOLUTIONS, LLC	2,689,473
ENI S.P.A.	2,723,853
EPOCAL INC.	2,594,371
ERICKSON, JAMES R.	2,740,018
ERICKSON, THOMAS E.	2,740,018
ERICSSON, JAN S.	2,739,478
ERITJA, RAMON	2,765,915
ERWIN, JUSTIN WADE	2,838,858
ERYTECH PHARMA	2,710,646
ESAKI, SHOGO	2,835,382
ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE)	2,710,593
ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE)	2,746,962
ESTILL, DEAN	2,897,090
ETTER, STEFAN	2,764,127
ETTLIN, JOSEF	2,756,130
EUN, DONG-JIN	2,819,016
EURO-CELTIQUE S.A.	2,723,307
EVANS, SIMON J.	2,629,299
EVARTS, JERRY	2,895,782
EVONIK CORPORATION	2,872,887
EXAQTWORLD	2,765,783
EXXONMOBIL CHEMICAL PATENTS INC.	2,877,472
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	2,821,241
EXXONMOBIL UPSTREAM RESEARCH COMPANY	2,871,177
EXXONMOBIL UPSTREAM RESEARCH COMPANY	2,900,702
EXXONMOBIL UPSTREAM RESEARCH COMPANY	2,928,380
EXXONMOBIL UPSTREAM RESEARCH COMPANY	2,933,892
EZZELARAB, MONA	2,699,797
F. HOFFMANN-LA ROCHE AG	2,699,161
F. HOFFMANN-LA ROCHE AG	2,760,597
F. HOFFMANN-LA ROCHE AG	2,769,243
F. HOFFMANN-LA ROCHE AG	2,786,340
FAGLEY, WALTER STONE THOMAS,IV	2,891,734
FAHY, CATHAL L.	2,927,151
FALCON CAMA, VIVIANA	2,748,493
FARAND, JULIE	2,919,479
FARAONI, RAFFAELLA	2,718,123
FARB, DANIEL	2,800,765
FARKASH, AVNER	2,800,765
FAUSTI, DAVIDE	2,794,193
FAVIER, ALAIN	2,765,783
FEIGEL, KURT R., JR.	2,705,468
FELDMAN, DORON	2,879,215
FELDMAN, RONEN	2,879,215
FELDMAN, URI	2,879,215
FELDT, MATS	2,777,006
FENG, DU	2,896,544
FEREY, GERARD	2,726,261
FERNALD, MARK R.	2,724,786
FERNANDES DA COSTA, SERGIO LOPES	2,934,320
FILIPOVIC, EDDIE I.	2,768,759
FILIPPI, ERMANNO	2,792,985
FILOCHE-ROMME, BRUNO	2,767,051
FINISAR CORPORATION	2,889,966
FINK, MATHIAS	2,764,263
FINLEY, WILLIAM	2,732,408
FIRESTONE BUILDING PRODUCTS COMPANY, LLC	2,661,257
FIRESTONE INDUSTRIAL PRODUCTS COMPANY, LLC	2,849,921
FISHER, JUNIOR EDWARD M.	2,778,930
FISHER, ROBIN	2,762,840
FISHER, ROBIN DANIEL	2,782,737
FITOREX GROUP KFT.	2,742,750
FITZLOFF, JEFFREY JOSEPH	2,845,337
FITZPATRICK, ROBERT B.	2,891,790
FLENTGE, CHARLES A.	2,699,981
FLORE, ORONZO	2,718,945
FOKKEMA, JACOB T.	2,719,389
FOLLET, LYSANDRE	2,890,390
FONG, MO-HAN	2,763,048
FONSATO, VALENTINA	2,727,392
FOOTE, EARL	2,885,320
FORBES, GRAHAM WYLIE	2,849,086
FOURNIE-ZALUSKI, MARIE-CLAUDE	2,731,544
FOX DIGITAL ENTERPRISES, INC.	2,690,670
FOX, BRIAN A.	2,697,992
FOXTRAC INC.	2,941,918
FRANCESE, JOSE LUIS	2,922,070
FRANCHET, JEAN-MICHEL PATRICK MAURICE	2,783,421
FRANCIS, SCOTT	2,717,469
FRANCISCO, PAULO	2,797,986

FRANCISKOVICH, PHILLIP P. 2,901,301
FRANCISKOVICH, PHILLIP P. 2,901,303
FRANCZYK, THADDEUS S., II 2,699,981
FRAYLING, CAMERON ALEXANDER 2,907,868
FRAYLING, CAMERON ALEXANDER 2,914,867
FREDERICK, LARRY D. 2,897,090
FREEMAN, JENNY E. 2,843,806
FREESE, ROBERT P. 2,879,753
FREESE, ROBERT P. 2,880,499
FREESTYLE TECHNOLOGY PTY LTD 2,571,344
FRERE, ROBERT 2,788,049
FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH 2,727,392
FRESENIUS MEDICAL CARE HOLDINGS, INC. 2,748,359
FRIESE, KATRIN 2,746,571
FRIESTAD, MICHAEL E. 2,755,334
FRIPP, MICHAEL LINLEY 2,850,725
FRITO-LAY NORTH AMERICA, INC. 2,869,638
FRITSCH, JUERGEN 2,680,304
FROEBERG, PETER LEROY 2,773,208
FU, QIANG 2,881,757
FUERTES, PATRICK 2,756,160
FUJII, TAKAHIRO 2,867,428
FUJITA, KOJI 2,835,382
FUJITA, TETSUYA 2,888,228
FUJITSU LIMITED 2,819,674
FUNEL, JACQUES-ALEXIS 2,740,722
GABRIELSSON, ELIN 2,846,491
GABRIELSSON, PAER, L.T. 2,715,352
GAETA, ANTHONY C. 2,882,175
GAGNON, ALEXANDRE 2,959,447
GALIA, ERIC 2,765,971
GALINDO, DELFINO JR. 2,877,567
GAMBER-JOHNSON LLC 2,746,201
GAN, JIANSONG 2,755,994
GANE, PATRICK A. C. 2,882,929
GANE, PATRICK A.C. 2,800,858
GANGWAR, SANJEEV 2,900,854
GAO, CHUNYAN 2,802,921
GAO, JINSEN 2,888,003
GAO, YI 2,699,981
GAO, ZEREN 2,697,992
GARBAJS, GREGOR 2,633,546
GARCIA, CRIS HOWARD 2,858,185
GARCIA, MAURICE 2,761,820
GARDNER, CHRISTOPHER 2,770,171
GARIEPY, CHRISTOPHER A. 2,768,759
GARNEAU, CHARLES 2,849,069
GARNER, ELIJAH 2,755,334
GARRY, ROBERT F. 2,691,358
GARSVA, VILIUS 2,879,471
GARVIS, ANDREW W. 2,764,671
GASPARETTO, MARIO 2,776,676
GASS, DONALD BRETT 2,830,590
GATEAU, PATRICK 2,749,900
GEA FOOD SOLUTIONS BAKEL B.V. 2,841,854
GEGE, CHRISTIAN 2,879,478
GEISNER, KEVIN 2,752,699
GEKAS, IOANNIS 2,715,352
GENDRE, MAGALI 2,959,447
GENENTECH, INC. 2,944,644
GENEOHM SCIENCES CANADA INC. 2,937,907
GENERAL ELECTRIC TECHNOLOGY GMBH 2,857,293
GENESIS ATTACHMENTS, LLC 2,794,141
GENORD, DANIEL STEVEN 2,815,849
GEORGIEVA, PETYA M. 2,865,162
GERBI, CRAIG 2,649,805
GERHOLD, WALTER F. 2,951,823
GERRITSEN, TERRY 2,795,652
GERVAIS, JOEL JOHN OCTAVE 2,806,410
GHOLMIEH, RALPH A. 2,837,369
GHOZEIL, ADAM L. 2,841,736
GIARETTA, GERARDO 2,781,154
GIBSON, CHAD M. 2,757,958
GIBSON, RONALD A. 2,828,970
GIDEON, DAVID E. 2,778,930
GIDEON, DAVID E. 2,893,440
GILEAD CALISTOGA LLC 2,895,782
GILEAD SCIENCES, INC. 2,919,479
GILL, SUNBIR 2,878,136
GILLINGHAM, BRIAN R. 2,764,399
GIORDANO, GERARDO 2,763,204
GIVEN, RUSSELL M. 2,722,722
GLAWION, MICHAEL 2,904,708
GLIDDEN, JODY 2,727,121
GODFREY, GRAHAM 2,749,407
GODFRIN, YANN 2,710,646
GOEL, RAKESH 2,860,648
GOGUEN, JOSEPH PATRICK THOMAS 2,800,689
GOJO INDUSTRIES, INC. 2,700,026
GOLDENBERG, DAVID M. 2,604,032
GOLDSMITH, PAUL S. 2,882,175
GONZALES, ADOLFO C. 2,880,460
GOODWIN, GEORGE B. 2,864,823
GOOGLE TECHNOLOGY HOLDINGS LLC 2,828,760
GORDON MURRAY DESIGN LIMITED 2,886,536
GORDON, MIRIAM 2,727,130
GORGEN, VIVIAN A. 2,903,844
GOSAVI, TUSHAR 2,912,939
GOURRAUD, ALEXANDRE 2,746,962
GOVER, JAMES B. 2,703,800
GRAFFNER, HANS OTTO LENNART 2,701,329
GRAHAM, JEFFREY A. 2,561,519
GRANDIN, THOMAS G. 2,783,099
GRANDJEAN, JULIEN 2,699,240
GRANT, BETHANY 2,635,795
GRASER, RAINER 2,763,426
GRAUPE, KLAUS 2,748,346
GRAVAGNA, PHILIPPE 2,753,216
GRAVES, GREGORY D. 2,572,353
GRAYSON, JIM 2,844,146
GRECI, STEPHEN MICHAEL 2,862,111
GRECI, STEPHEN MICHAEL 2,889,134
GREEN, WILLIAM J. 2,686,218
GREGORY, RANDY A. 2,939,482
GREYSTONE TECHNOLOGIES PTY LTD 2,838,858
GRIFFITHS, ROBERT T. 2,661,257
GRIGORIEV, NIKOLAI 2,627,172
GRIJALVO, SANTIAGO 2,765,915
GRILLI, FRANCESCO 2,718,945
GRILLO-LOPEZ, ANTONIO J. 2,944,644
GRIOT, MIGUEL 2,781,154
GROESCHEL, KERRY DWAYNE 2,849,086
GROSSMAN, JESSICA 2,649,805
GRUBB, FRED 2,865,438
GRUENENTHAL GMBH 2,765,971
GSTOEHL, OLIVER 2,751,811
GU, CAIKANG (ELTON) 2,751,165
GU, XUYUAN 2,749,126
GUENER, REFI-TUGRUL 2,731,589
GUEROUT, FABRICE 2,743,739
GUERRERO, JUAN A. 2,919,479
GUICHARD, PHILIPPE 2,739,271
GUIDRY, KIRK PAUL 2,713,714
GUIRGUIS, MARTIN HANNA 2,858,185
GUNA, MIRCEA 2,711,707
GUPTA, MARUTI 2,879,206
GUPTA, SAURAV V. 2,870,294
GURGEL, PATRICK VASCONCELOS 2,723,785
GUTHRIE, JOE EARLE 2,650,945
GUTHRIE, KEVIN J. 2,897,309
GUTIERREZ BARTOLOME, LAURA 2,765,632
GUY, FRANCOIS 2,849,069
GYNESONICS, INC. 2,649,805
HA, CHAE H. 2,879,420
HA, NINA 2,829,676
HA, SUNG WOO 2,872,346
HAASL, SJOERD 2,828,057
HABBAH, SASSON 2,945,537
HAGAMAN, LOGAN R. 2,872,125
HAGEN, HOLGER 2,721,610
HAGMANN, JUERG 2,751,811
HAIGHT, ANTHONY R. 2,699,981
HAKOZAKI, HIROSHI 2,740,116
HALDAR, JAYANTA 2,855,753
HALDOR TOPSOEE A/S 2,715,352
HALL, NELSON 2,765,194
HALLEY, FRANK 2,767,051
HALLIBURTON ENERGY SERVICES, INC. 2,850,725
HALLIBURTON ENERGY SERVICES, INC. 2,856,270
HALLIBURTON ENERGY SERVICES, INC. 2,861,152
HALLIBURTON ENERGY SERVICES, INC. 2,862,111
HALLIBURTON ENERGY SERVICES, INC. 2,877,910
HALLIBURTON ENERGY SERVICES, INC. 2,879,753
HALLIBURTON ENERGY SERVICES, INC. 2,880,480
HALLIBURTON ENERGY SERVICES, INC. 2,880,499

HALLIBURTON ENERGY SERVICES, INC. 2,881,757
HALLIBURTON ENERGY SERVICES, INC. 2,885,888
HALLIBURTON ENERGY SERVICES, INC. 2,887,394
HALLIBURTON ENERGY SERVICES, INC. 2,888,349
HALLIBURTON ENERGY SERVICES, INC. 2,889,132
HALLIBURTON ENERGY SERVICES, INC. 2,889,134
HALLIBURTON ENERGY SERVICES, INC. 2,897,497
HALLIBURTON ENERGY SERVICES, INC. 2,912,939
HALLIBURTON ENERGY SERVICES, INC. 2,929,075
HALLIBURTON, JAMES 2,829,674
HALLMAN, DAVID 2,682,006
HAMILTON, ROBERT JOHN 2,770,171
HAMILTON, SCOTT 2,690,670
HAMMARWALL, DAVID 2,873,380
HAMMOND, TERRY EMERSON 2,757,455
HAN, WOO-JIN 2,884,537
HAN, XINPING 2,853,619
HANRAHAN, MICHAEL R. 2,902,018
HANSON, SCOTT A. 2,739,593
HANSON, SHAUN B. 2,831,840
HARA, YUICHI 2,877,472
HARAMEIN, NASSIM 2,706,589
HARAN, FRANK MARTIN 2,732,300
HARBIN, BENJAMIN F., III 2,765,674
HARELI, GADI 2,800,765
HARNESS, DAVID 2,882,547
HARRALL, SIMON JOHN 2,891,734
HARRAR, DEREK T. 2,632,295
HARRINGTON, GEORGE 2,591,298
HARRIS CORPORATION 2,842,295
HARRIS, CAROLINE S. 2,864,823
HARRIS, DAVID 2,732,826
HARRIS, JOHN TRAVIS 2,794,111
HARTENSTINE, CURTIS M. 2,940,813
HARTMAN, CODY L. 2,872,125
HARTMAN, CODY L. 2,892,247
HARTMANN, SIEGFRIED 2,697,926
HASHEMI, DARUSH DAVID 2,876,722
HASHIGUCHI, OSAMU 2,866,423
HASHIMOTO, MITSUO 2,740,116
HASHIMOTO, SHUSUKE 2,740,810
HATCH LTD. 2,795,652
HAUEL, NORBERT 2,759,126
HAUSEMER, LIONEL 2,759,503
HAUSMANN, PETER 2,754,098
HAY, HENRY F. 2,710,715
HAYHURST, LYLE 2,865,926
HE, DAKE 2,802,285
HE, TOM XIAOHAI 2,756,081
HEARTWARE, INC. 2,884,180
HEATH, WILL 2,723,307
HECHT, GIL 2,847,925
HECHT, GIL 2,858,506
HEDENSTIERNA, NILS 2,828,057
HEDLEY, JAY E. 2,611,379
HEDTKE, ROBERT CARL 2,897,850
HEEG, MANFRED 2,796,373
HEGGLIN, ARMIN 2,756,130
HEGURI, SHIN-ICHI 2,939,809
HEIBENTHAL, RANDALL W. 2,812,314
HEIJNESSON-HULTEN, ANETTE 2,673,096
HEINDL, DIETER 2,699,161
HELMHOLTZ ZENTRUM MUENCHEN DEUTSCHES FORSCHUNGSZENTRUM FUER GESUNDHEIT UND UMWELT (GMBH) 2,718,855
HENGEVELD, JOHN E. 2,699,981
HENRI PETERI BEHEER B.V. 2,725,752
HENRION, PHILIPPE 2,892,475
HENRY, JAMES WAYNE 2,806,410
HENRY, RODGER F. 2,699,981
HEO, JIN 2,887,120
HEO, YOUN HYOUNG 2,763,048
HEPWORTH, DAVID 2,853,024
HERFORT, DUNCAN 2,761,840
HERLEIN, GREGORY CHARLES 2,717,469
HEROLD, JEFFREY 2,747,882
HERRERA SANCHEZ, MARIA BEATRIZ 2,727,392
HERZHAFT, BENJAMIN 2,749,900
HERZOG, AXEL HANS-JOACHIM 2,706,614
HESHMATI, PARISSA 2,872,887
HESS, GEORG 2,769,243
HESSE, FRIEDERIKE 2,786,340
HETU, MARC-ANDRE 2,755,777
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 2,841,736
HEXAGON TECHNOLOGY CENTER GMBH 2,833,184
HIBNER, VERLIN A. 2,842,295
HIBST, RAIMUND 2,763,426
HICKENBOTTOM, RONALD JOE 2,693,709
HIGGINS, DANIEL 2,657,447
HILL, NORMAN ROSS 2,739,558
HILLIER, PETER MATTHEW 2,779,894
HILPERT, KURT 2,740,722
HILPERT, KURT 2,756,542
HILPERT, KURT 2,756,654
HIRAM (WA) PTY LTD 2,786,624
HITCHINER MANUFACTURING CO., INC. 2,902,018
HOBEL, MATTHIAS 2,717,717
HOBOT, CHRISTOPHER M. 2,700,586
HOESS, EVA 2,786,340
HOFF, THOMAS E. 2,842,932
HOFFMAN, MICHAEL T. 2,807,938
HOFFMANN, THOMAS 2,879,478
HOFMANN, JENS 2,904,708
HOGLUND, MICHAEL GREGORY 2,765,485
HOGNALAND, INGVAR 2,808,145
HOHENSTEIN, JASON J. 2,830,590
HOLDERMAN, LUKE 2,862,111
HOLLADAY, MARK W. 2,718,123
HOLLAND, CECIL RAY, JR. 2,765,674
HOLLERAN, JEFFREY J. 2,800,689
HOLMES, GEOFF A. 2,938,711
HOLROYD, JAMES A.J. 2,830,590
HOLTSCLAW, JEREMY 2,856,270
HOLZMAN, PAUL 2,704,877
HONDMANN, DIRK 2,740,299
HONEYWELL ASCA, INC. 2,732,300
HONEYWELL INTERNATIONAL INC. 2,822,739
HONG, DANNY 2,869,132
HONG, XIN 2,761,723
HONGLI LIGHTING GROUP CO., LTD. 2,924,254
HOOGERHOUT, PETER 2,729,414
HORCAJADA CORTES, PATRICIA 2,726,261
HORN, GAVIN BERNARD 2,781,154
HOVEL, SIMONE 2,717,717
HOWARD, ROBERT GORDON 2,888,349
HOWE, CHRISTOPHER A. 2,775,329
HOWITT, ROGER 2,844,146
HREJSA, PETE 2,860,648
HSIAO, JANET 2,727,713
HSIUNG, FRANK 2,818,390
HU, CHANGHUA 2,893,707
HU, MENGXU 2,917,665
HU, SHAOJING 2,914,698
HU, SHAOJING 2,914,854
HU, SHAOJING 2,914,857
HU, XIAOCHUAN 2,757,455
HU, YANG 2,755,994
HU, YONG 2,887,564
HUANG, JIAN 2,889,605
HUANG, LING 2,720,368
HUANG, PEGGY P. 2,699,981
HUBIM, EDOUARD 2,759,036
HUBLER, FRANCIS 2,740,722
HUBLER, FRANCIS 2,756,542
HUBLER, FRANCIS 2,756,654
HUDSON, DAVID JAMES 2,727,121
HUDSON, HANK M. 2,763,714
HUEDIG, HENDRIK 2,769,243
HUFFINGTON, TODD ANDREW 2,815,849
HUI, KA PO CATHERINE 2,806,410
HULETSKY, ANN 2,937,907
HULL, RICHARD 2,864,871
HULSLANDER, BRIAN 2,736,283
HUNTING TITAN, INC. 2,897,090
HUNTINGTON, RICHARD A. 2,900,702
HUSKY INJECTION MOLDING SYSTEMS LTD. 2,899,526
HUSKY OIL OPERATIONS LIMITED 2,875,485
HUTCHINSON, DOUGLAS K. 2,699,981
HWANG, YOUNG-KYU 2,726,261
IBC PHARMACEUTICALS, INC. 2,604,032
IBERT, MATHIAS 2,756,160
ICF MFORM LLC 2,905,018

ICHIKAWA, YASUSHI 2,867,428
IDEATRON PTY LTD 2,826,169
IDENTITY STRONGHOLD, LLC 2,846,031
IDORSIA PHARMACEUTICALS LTD 2,740,722
IDORSIA PHARMACEUTICALS LTD 2,756,542
IDORSIA PHARMACEUTICALS LTD 2,756,654
IDROGENET S.R.L. 2,794,193
IFP ENERGIES NOUVELLES 2,699,240
IFP ENERGIES NOUVELLES 2,749,900
IFTIME, GABRIEL 2,888,881
IHI CORPORATION 2,866,235
IKEDA, OSAMU 2,939,809
IKEDA, TAKASHI 2,740,810
IKEZOE, KEIGO 2,867,428
IMAGIC GLASS INC. 2,879,471
IMAMURA, TATSUYA 2,930,896
IMPERIAL OIL RESOURCES LIMITED 2,871,177
IMPERIAL OIL RESOURCES LIMITED 2,928,380
IMPERIAL OIL RESOURCES LIMITED 2,933,892
INCUMED, LLC 2,756,081
INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION 2,700,274
INDUSTRIAL SMOKE & MIRRORS, INC. 2,764,671
INFINERA CORPORATION 2,693,907
INGRAM, GARY DURON 2,891,734
INGURAN, LLC 2,561,519
INOAC CORPORATION 2,790,042
INSTITUT CURIE 2,736,774
INSTITUT NATIONAL D'OPTIQUE 2,881,413
INTEL CORPORATION 2,858,036
INTEL CORPORATION 2,879,206
INTELLIGENT MECHATRONIC SYSTEMS INC. 2,685,973
INTENDIS GMBH 2,748,346
INTENT IQ, LLC 2,724,627
INTERPACE DIAGNOSTICS, LLC 2,664,383
INVACARE INTERNATIONAL SAERL 2,777,006
INVENTIO AG 2,890,138
IONETIX CORPORATION 2,840,080
IPS CORPORATION 2,741,392
IRIS, FRANCOIS 2,760,275
ISAAC, THOMAS HENRY 2,907,868
ISCAR LTD. 2,847,925
ISCAR LTD. 2,858,506
ISCIENCE INTERVENTIONAL CORPORATION 2,592,459
ISHII, TAKUYA 2,877,232
ISHIKAWA, KEIICHI 2,902,417
ISHIKIRIYAMA, MAMORU 2,879,605
ISOAGE TECHNOLOGIES LLC 2,864,871
ITEOS THERAPEUTICS 2,929,650
IWASAKI, DAIGO 2,867,428
JABER, ISAM 2,718,455
JACCARD, ALAIN 2,776,298
JACKSON, GRAHAM MAUDSLAY 2,749,407
JACOBY, RUSSELL L. 2,872,125
JAEGER, TALBOT 2,956,090
JAKOB HATTELAND LOGISTICS AS 2,808,145
JAMEEL, MOHOMED 2,657,447
JAMES, LOWELL S. 2,856,442
JAMISON, DALE E. 2,897,497
JANG, WONKAP 2,869,132
JANSEN, HELMUT 2,918,877
JANSSON, KAJ 2,700,692
JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED 2,866,423
JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH 2,855,753
JEDNAKOVITS, ANDREA 2,742,750
JENKINS, PETER JAMES 2,766,239
JENSEN, JENS MARTIN 2,683,566
JEON, BYEONGMOON 2,834,249
JEON, YONGJOON 2,834,249
JEWETT, MATTHEW R. 2,763,352
JEZ, DAVID 2,732,300
JFE STEEL CORPORATION 2,931,087
JHA, SATISH C. 2,879,206
JHAVERI, NATALIE 2,627,172
JI, RICHARD 2,774,037
JI, TIANYING 2,802,285
JIA, JIFEI 2,860,166
JIMENEZ LOPEZ, JESUS 2,490,016
JIMENEZ, ANA ISABEL 2,765,915
JIN, BETTY 2,766,239
JIN, YINGKANG 2,823,121
JOB, DENIS 2,788,049
JOHANNES, ROLF 2,904,708
JOHANSSON, CECILIA EVA MARIA 2,699,797
JOHN, JEREMY 2,664,383
JOHNKE, ANDREW F. 2,763,714
JOHNSON MATTHEY PLC 2,763,702
JOHNSON, ANDREW PETER 2,788,233
JOHNSON, BRICE A. 2,775,329
JOHNSON, LESLIE S. 2,720,368
JOHNSON, OMAR A. 2,760,285
JOHNSON, RICHARD E. 2,764,671
JOHNSON, STEPHEN C. 2,878,136
JOHNSTUN, JEREMIAH TRAVIS 2,764,399
JONES, BRIAN W. 2,724,368
JONES, DESMOND WESLEY 2,888,349
JONES, DONALD W. 2,724,368
JONES, EDWARD G. 2,629,299
JONES, GRAEME 2,852,979
JONES, JESSICA U. 2,685,459
JONES, LEVI 2,686,410
JONES, MARK L. 2,773,336
JONES, PAUL ARTHUR 2,766,239
JONES, ROBERT L. 2,699,091
JONES, VINCENT KNOWLES 2,845,923
JOSEL, HANS-PETER 2,699,161
JOSIEN, EMILIE 2,756,160
JOUNI, ZEINA E. 2,740,299
JUNG, JIWOOK 2,887,120
JURK, MARION 2,687,535
KABUSHIKI KAISHA TOSHIBA 2,847,304
KABUSHIKI KAISHA YAKULT HONSHA 2,740,810
KADAM, DIVYA 2,884,113
KADANT CANADA CORP. 2,755,777
KALOGERAKIS, GEORGIOS 2,889,966
KAMERBEEK, RALF 2,765,131
KAMIJO, TAKASHI 2,828,875
KANADA, TOSHIKI 2,930,896
KANG, SEONG-HOON 2,819,016
KANG, YONGFENG 2,880,460
KAPSCH TRAFFICCOM AG 2,731,589
KARAKELLE, MUTLU 2,761,723
KARCZ, ANITA 2,843,806
KARDOS, LORI L. 2,763,077
KARJALA, TERESA P. 2,763,077
KARLSSON, JAN OLOF G. 2,708,113
KARLSSON, KARL ANDREAS 2,767,051
KASPAR, MANUELA 2,704,296
KASRAEE, BEHROOZ 2,760,173
KATANA, ASHLEY A. 2,919,479
KATAR, SRINIVAS 2,844,701
KATATA, HIROYUKI 2,925,139
KATAYANAGI, MASAYUKI 2,866,423
KATI, WARREN M. 2,699,981
KATO, DARRYL 2,919,479
KATZER, ROBIN DALE 2,938,711
KAWAI, TAKAMASA 2,931,087
KAWAI, YOSUKE 2,725,110
KAWAMOTO, ATSUSHI 2,930,896
KAWASAKI, AKIKO 2,725,110
KAWATA, HIROYUKI 2,843,180
KAY, NORMAN A. 2,788,233
KAZMI, MUHAMMAD 2,755,994
KAZUI, KIMIHIKO 2,819,674
KAZUKI, YASUHIRO 2,786,659
KELLER, KEITH A. 2,901,401
KELLEY, MARK R. 2,700,274
KELLNER, JUSTIN 2,794,111
KEMIRA CHEMICALS INC. 2,700,692
KEMIRA CHEMICALS, INC. 2,699,797
KEMIRA OYJ 2,673,096
KEMPF, MARCELL 2,784,077
KENALTY, CHRISTOPHER 2,727,130
KENDRICK, PHILLIP A. 2,852,585
KENNARD, GLENN ERIC 2,792,685
KENNEDY, BERNARD 2,723,307
KENNEDY, JACOB J. 2,697,992
KENNEDY, WAYNE A. 2,884,113
KEOGH, ANDREW JOSEPH 2,749,407
KEPES, ANDREI 2,795,652
KERGOAT, MICHELINE 2,718,402
KERMAN, ILAN 2,629,299
KEYS, CRYSTAL LYNNE 2,880,480
KEZZOU, AZIZ 2,759,036
KHENFIR, MOUNIR 2,849,069
KHOPADE, AJAY JAYSINGH 2,710,525

KIDO, HIROSHI 2,877,232
KIKAGANESHWALA, YAGNESH 2,732,408
KIM, HARK-JOON 2,819,016
KIM, JEONG WOO 2,697,486
KIM, JUNGSUN 2,834,249
KIM, MUSONG 2,895,782
KIM, TAESUP 2,887,120
KINDER MORGAN, INC. 2,643,219
KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY 2,905,897
KING, VANJA MARGARETA 2,700,586
KINOSHITA, YOUHEI 2,879,605
KINZEL, OLAF 2,879,478
KIORPES, TIMOTHY CHARLES 2,823,355
KIRBY, LESLIE 2,710,715
KITAZOE, MASATO 2,718,945
KLAMER, PAUL R. 2,511,060
KLEIN NAGELVOORT, ROBERT 2,760,172
KLEIN, GILLES CHARLES CASIMIR 2,783,421
KLEMM, ROBERT W. 2,927,151
KLENKLER, RICHARD A. 2,783,033
KLEWIADA, MARK 2,890,761
KLEYMANN, GERALD 2,879,478
KLIMKE, KATJA 2,927,108
KLINGNER, MATTHIAS 2,768,482
KNIKKER, DIRK ALEXANDER 2,753,275
KNOLL, INC. 2,740,680
KNORR-BREMSE SYSTEME FUER NUTZFAHRZEUGE GMBH 2,768,482
KNOTH, NORMAN D. 2,792,375
KOBER, INGO 2,745,041
KOC, ALI T. 2,879,206
KOCHI UNIVERSITY, NATIONAL UNIVERSITY CORPORATION 2,939,809
KODAMA, TOMOKI 2,879,605
KOELING, HENDRIK CORNELIS 2,765,131
KOGLER, FRANZ 2,825,277
KOHLI, AMIT 2,750,052
KOLL, DETLEF 2,680,304
KOLMAN, KEN 2,800,765
KOMATSU LTD. 2,888,228
KOMINOX, INC. 2,772,411
KOMLENIC, TODD 2,882,794
KONDO, SATOSHI 2,790,042
KONDO, YOSHIYUKI 2,828,875
KONETZKI, INGO 2,759,126
KONINKLIJKE DOUWE EGBERTS B.V. 2,765,131
KOO, MOONMO 2,887,120
KOREA RESEARCH INSTITUTE OF CHEMICAL & TECHNOLOGY (KRICT) 2,726,261
KOROLEV, EUGENE 2,897,800
KORTENBACH, JUERGEN A. 2,922,070
KOTECKI, BRIAN J. 2,699,981
KOVACH, LARRY J. 2,872,125
KOWATSCH, ULRICH 2,784,077
KOYAMA, JUNPEI 2,819,674
KOYAMA, YUKINORI 2,835,382
KOZLOWSKI, ANTHONY 2,795,119
KRAMER, BRYAN A. 2,728,756
KRAMNIK, ALEXANDER 2,865,926
KRASNOR, CARL 2,852,979
KRASSNITZER, SIEGFRIED 2,751,811
KRATZ, MARINE 2,888,253
KRAUSS, ACHIM HANS-PETER 2,723,704
KRIER, MIREILLE 2,745,041
KRISH, PREM 2,890,743
KROPF, JEFFREY 2,919,479
KRUEGER, ALLAN C. 2,699,981
KRUMBOECK, JOERG 2,697,926
KRYSINSKI, WILLIAM 2,799,714
KSB S.A.S. 2,797,332
KUDO, YOHEI 2,939,809
KUDRNA, PAUL JOHN 2,826,949
KUHNLE, PAUL E. 2,754,238
KUKKONEN, JARI-JUKKA 2,700,692
KULARATNE, SUMITH A. 2,903,994
KULKARNI, SANDEEP D. 2,897,497
KUMPF, ROBERT ARNOLD 2,884,848
KUNG, DANIEL WEI-SHUNG 2,853,024
KUNG, PEI-PEI 2,884,848
KUNKEL, LORI A. 2,944,644
KUPIECKI, DAVID J. 2,592,459
KURZ, TINO 2,708,113
KUWAYAMA, TAKUYA 2,843,180
KYLE, DONALD 2,731,380
L'OREAL 2,763,908
L-1 SECURE CREDENTIALING, INC. 2,699,091
L-3 COMMUNICATIONS MAGNET-MOTOR GMBH 2,796,373
L.B. FOSTER RAIL TECHNOLOGIES, CORP. 2,884,113
L.R.R.& D. LTD. 2,739,243
LAB ATTITUDE 2,829,159
LABARRE, DOMINIQUE 2,749,900
LABORATOIRE D'APPLICATION ET DE RECHERCHE SCIENTIFIQUE - LARS 2,769,254
LABOUREAU, JACQUES-PHILIPPE 2,769,254
LABOURIER, EMMANUEL 2,664,383
LACROIX, YVES 2,837,164
LADET, SEBASTIEN 2,753,216
LAFFITTE, JEAN-ALEX 2,801,690
LAFLEUR, ADAM S. 2,880,894
LAFRAMBOISE, STEVE 2,963,721
LAHMANN, MARTINA 2,732,939
LAI, ANDILIY G. 2,718,123
LAKKASHETTI, MALLESHAPPA 2,929,075
LALAMA, RICHARD ANTHONY 2,699,797
LALLI, MICHAEL 2,843,806
LAMBIE, JOHN 2,826,169
LAMRANI-KERN, SAMIA 2,758,655
LANDMARK GRAPHICS CORPORATION 2,828,970
LANDMARK GRAPHICS CORPORATION 2,831,056
LANDMARK GRAPHICS CORPORATION 2,880,460
LANG, KLAUS 2,904,708
LANGRECK, GERALD K. 2,794,210
LANSRUD, STEVEN G. 2,764,671
LANTZ, OLIVIER JACQUES 2,736,774
LARSEN, COBY C. 2,888,990
LARSON, MICHAEL H. 2,893,440
LARZUL, DAVID 2,776,298
LATTA, STEPHEN GILCHRIST 2,752,699
LAUKS, IMANTS 2,594,371
LAUSTSEN, SOREN 2,783,099
LAVELLE INDUSTRIES, INC. 2,897,309
LAWANDY, NABIL 2,860,235
LAZERWITH, SCOTT, E. 2,919,479
LAZZOUNI, MOHAMED 2,699,091
LEBLANC, MICHAEL 2,727,121
LEBLOND, HENRI 2,739,271
LEE, ANITA S. 2,928,380
LEE, CHUL SOO 2,697,486
LEE, JAEKWANG 2,829,676
LEE, JAEWON 2,829,676
LEE, JIHONG 2,898,830
LEE, KEVIN D. 2,889,605
LEE, SANG HYUP 2,697,486
LEE, SEOHEE 2,829,676
LEE, SERA 2,829,676
LEE, SEUNG H. 2,919,479
LEFORT, MARC 2,781,013
LEGIC IDENTSYSTEMS AG 2,754,098
LEHMANN, DAVID 2,756,654
LEHMANN, MARIO 2,747,221
LEHNER, STEFAN 2,761,576
LEI, SHAWMIN 2,925,139
LEIBOWITZ, EVAN 2,901,912
LENNOX INDUSTRIES INC. 2,860,648
LEONARD, JOSH J. 2,764,399
LEONTEIN, KARIN 2,732,939
LEPRINO FOODS COMPANY 2,880,371
LERMAN, JERROLD 2,879,215
LESAGE, CLAUDE 2,849,786
LESKINEN, PAULI 2,927,108
LEUNG, PHILIP L. 2,900,548
LEUNG-TOUNG, REGIS 2,767,130
LEVIATHAN ENERGY WIND LOTUS LTD. 2,800,765
LEVIN, ROLAND 2,748,359
LEVIN, SAMUEL 2,754,493
LEVY, FRANCOIS 2,773,993
LEWIS, W. LARRY 2,763,714
LG ELECTRONICS INC. 2,697,486
LG ELECTRONICS INC. 2,834,249
LG ELECTRONICS INC. 2,887,120
LG ELECTRONICS INC. 2,898,830
LI, JIAYAO 2,919,479
LI, JUN 2,629,299
LI, LIONEL 2,889,966
LI, WEI 2,893,707
LI, XIAOFENG 2,936,225
LI, YUANJING 2,823,121

LI, ZHENHUA 2,673,560
LIANG, XIN HUI 2,896,544
LIAUTAUD, CHRISTIAN 2,756,284
LIEBEL-FLARSHEIM COMPANY LLC 2,757,958
LIEVEN, PATRICK 2,798,046
LIM, JAEHYUN 2,834,249
LIN, CHRISTOPHER 2,933,892
LIN, RENHE 2,903,478
LIN, RENHE 2,916,387
LIN, ZHIZHONG 2,887,564
LINDBAECK, LARS 2,726,226
LINDSAY, SHARLENE DAWN 2,888,349
LINK, JOHN, O. 2,919,479
LINSHOM, L.P. 2,879,215
LIPPE, CATHERINE 2,752,913
LISI, MARCO 2,941,918
LITCHFIELD, DEREK 2,732,535
LITTLE, BRENT E. 2,693,907
LIU, ALBERT CHENG-YU 2,759,390
LIU, CHU-HENG 2,888,881
LIU, DACHUN 2,699,981
LIU, HAIYAN 2,723,785
LIU, PETER 2,769,243
LIU, XIN 2,800,891
LIU, YAYA 2,699,981
LIU, YIN 2,755,994
LIU, YINONG 2,823,121
LIU, YU 2,783,033
LIU, YUEAI 2,761,723
LIU, YUZHOU 2,901,401
LLEWELLYN, PHILIP 2,726,261
LLORCA JUAN, DANIEL 2,818,005
LLOYD, NICHOLAS 2,784,947
LO, JENNIFER 2,919,479
LO, RICHARD W.C. 2,839,460
LO, YUK MING DENNIS 2,887,218
LOCCUFIER, JOHAN 2,780,036
LODI, TAMAS 2,765,783
LOEBACH, DEAN 2,682,006
LONARDI, EMILE 2,751,264
LONG, WEI 2,914,698
LONG, WEI 2,914,854
LONG, WEI 2,914,857
LONGENECKER, KENTON L. 2,699,981
LOOSE, DOUGLAS H. 2,724,786
LOPEZ, JEAN MARC 2,889,134
LOPEZ, JEAN-MARC 2,862,111
LORENZO PEREZ, NORAILYS 2,748,493
LOU, XIAOCHUN 2,699,981
LOUTSCH, JEANNOT 2,759,503
LOVELAND PRODUCTS, INC. 2,706,487
LOVELESS, DAVID M. 2,856,270
LOW, PHILIP S. 2,903,994
LOWE, CHRISTIAN T. 2,825,475
LOWERY, GARY 2,882,547
LU, XIANFENG 2,917,665
LU, YONGLING 2,800,891
LUCAS, MATTHEW C. 2,760,597
LUCCHESI, MAURO 2,723,853
LUDWIG, CINDY L. 2,561,519
LUNDMARK, MAGNUS 2,726,226
LUSINA, PAUL JAMES 2,816,252
LUVNKURE INC. 2,909,262
LUZZI, GLENN J. 2,680,582
LV, GUOFENG 2,924,254
LV, WENQING 2,924,254
LYNCH, JOE T. 2,763,714
LYON, JOE 2,874,636
MA, HONGFEI 2,818,208
MACDERMID PRINTING SOLUTIONS, LLC 2,912,406
MACDONALD, R. LOCH 2,872,887
MACIA BARBER, AGUSTIN 2,818,005
MACK, JUERGEN 2,759,126
MACLENNAN, JAMES ROBERT 2,879,753
MACLENNAN, JAMES ROBERT 2,880,499
MACROGENICS, INC. 2,720,368
MADERO, PAUL 2,794,111
MADISON, EDWIN L. 2,626,356
MADJAROV, JEKO METODIEV 2,852,621
MADONNA, ROBERT P. 2,764,240
MAESHIMA, SUSUMU 2,867,428
MAF AGROBOTIC 2,733,120
MAF AGROBOTIC 2,733,316
MAGLI, DENIS 2,701,665
MAHALINGAM, SAKKARAPALAYAM M. 2,903,994
MAHE, ANTHONY 2,778,844
MAHONEY, WILLIAM PAUL, III 2,758,381
MAI, NICHOLAS 2,919,479
MAKI, RICHARD R. 2,764,399
MALICK, GILL M. 2,860,166
MALNICK, NICOLAUS P. 2,865,926
MALONE, AMBER PATRICIA 2,764,399
MALONEY, JOHN D. 2,747,667
MANDEEN, CHRISTOPHER D. 2,831,840
MANETTI, VALERIO 2,706,278
MANN, ALFRED E. 2,756,081
MANREX PTY. LTD 2,792,375
MANSSON, ERIK MAGNUS 2,792,685
MAO, XINLIANG 2,673,489
MARCINIAK, GILBERT 2,767,051
MARCZYK, STANISLAW 2,717,448
MARIMAN, NATHAN A. 2,755,334
MARIN, BROOK 2,765,674
MARING, CLARENCE J. 2,699,981
MARKEN, HENRIK 2,777,006
MARKMANN, JOACHIM 2,770,619
MARKOVIC, RELJA 2,752,699
MARLEY, MICHAEL 2,854,600
MARON, ROBERT J. 2,724,786
MARSHALL, BRYAN RICHARD 2,650,945
MARTCH, HENRY GREGG 2,795,119
MARTI, BENJAMIN J. 2,754,493
MARTIN JIMENEZ, ROCIO 2,490,016
MARTIN POINTING DEVICES 2,683,566
MARTIN, DONALD E. 2,763,364
MARTIN, JEREMY GRANT 2,890,743
MARTINEZ, TAMARA 2,765,915
MARTY, GARRY ROBIN 2,815,849
MARUYAMA, NAOKI 2,843,180
MASCHWITZ, PETER ALAN 2,650,945
MASON, KYLE S. 2,940,813
MASSON, RICHARD 2,783,421
MASTERS, ROBERT A. 2,804,808
MASTERS, RONALD A. 2,768,759
MASTERS, STEVEN J. 2,888,990
MASUZAKI, KAZUHIRO 2,725,110
MATSUKAWA, TATSUYA 2,725,110
MATSUOKA, TAKASHI 2,786,659
MATSUZAKI, TAKESHI 2,740,810
MATZEK, BART 2,730,207
MAUCEC, MARKO 2,828,970
MAYERES, JEAN-PIERRE 2,788,049
MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH 2,673,489
MAYO, JAMES D. 2,888,881
MAZICH, KENNETH 2,880,894
MCALPINE, INDRAWAN JAMES 2,884,848
MCBEATH, SEAN 2,763,048
MCBRIDE, WILLIAM J. 2,604,032
MCCABE, DANIEL J. 2,754,238
MCCABE, PAUL PATRICK 2,670,814
MCCALL, SCOTT ANDREW 2,898,465
MCCANN, STEPHEN 2,812,839
MCCLAIN, JAMES B. 2,823,355
MCCOMBS-STEARNS, MARY 2,887,573
MCCORD, KEN 2,774,037
MCCORMICK, DANIEL 2,882,547
MCDANIEL, THOMAS R. 2,888,990
MCDONALD, IAN KENNETH FRANCIS 2,571,344
MCDONALD, PHILLIP EDWARD 2,700,586
MCDOWELL, JAMES KERWIN 2,923,992
MCELVER, JOHN A. 2,682,349
MCGEOCH, ANDREW 2,872,264
MCGUIRE, GREGORY 2,783,033
MCGUIRE, KENNETH STEPHEN 2,758,381
MCKAY, WILLIAM F. 2,700,586
MCKENNA, MARK 2,763,702
MCKENZIE, JOHN 2,592,459
MCKINNEY, KRISTI 2,795,141
MCMAHON, PATRICK D. 2,900,702
MCMAHON, ROBERT J. 2,740,299
MDT MARK O DRANERINGSTEKNIK HOLDING AKTIEBOLAG 2,788,549
MEDICAL RESEARCH COUNCIL 2,907,868
MEDLEY, DWIGHT 2,897,090
MEDTRONIC, INC. 2,700,586
MEENINK, HILDEBERT CHRISTIAAN MATTHIJS 2,813,403
MEHRABI, ALI R. 2,727,713
MEHRABI, REZA 2,727,713
MEHTA, CHIRAG ANIL 2,878,136
MEID, WOLFGANG 2,787,707
MEIJER, JOHANNES ALBERTUS MARIA 2,763,612
MEINCKE, ARNE 2,861,029
MEIRING, WOUTER JAN 2,760,172
MELDAL, MORTEN 2,746,704
MELOEN, ROBBERT HANS 2,595,902

MENARD, CHRISTIAN 2,937,907
MENARD, YVON 2,959,447
MENENDEZ VALDES, IVON 2,748,493
MENG, FAN 2,629,299
MERCK PATENT GBMH 2,745,041
MERCK PATENT GMBH 2,718,402
MERCK SHARP & DOHME CORP. 2,664,304
MERLIN, SIMONE 2,845,923
MERRILL, RICHARD K. 2,880,371
MESSIER-BUGATTI-DOWTY 2,783,421
MESSIER-BUGATTI-DOWTY 2,888,253
MESSIER-BUGATTI-DOWTY 2,892,475
METCALF, DAVID A. 2,822,739
METZLER, BERNHARD 2,833,184
MEYER, DAMIEN 2,751,264
MEYER, ELIZABETH A. 2,906,902
MEYER, EMMANUEL 2,756,542
MEYER, EMMANUEL 2,756,654
MEYER, INGO 2,889,923
MEYER, TRYGVE 2,767,874
MEZZENGA, RAFFAELE 2,738,986
MEZZENGA, RAFFAELE 2,821,364
MHASKAR, NAUMAN H. 2,894,749
MIALHE, CHRISTOPHE 2,798,046
MICELL TECHNOLOGIES, INC. 2,823,355
MICLAU - S.R.L. INC 2,849,786
MICROSOFT TECHNOLOGY LICENSING, LLC 2,752,699
MIEZE, JAN 2,861,029
MIKLIC, ANDREW T. 2,933,427
MILLER, KEVIN BURKE 2,736,774
MILLER, ROBERT JAMES 2,884,799
MILLIKEN & COMPANY 2,901,401
MILLNER, ROBERT 2,777,654
MIN, JUNG-HYE 2,884,537
MINAMI, AKINOBU 2,843,180
MINATO, HIROFUMI 2,888,228
MINTZ, SAGY PUNDAK 2,810,009
MISHRA, ANJALI 2,718,945
MISSO, LUIS ROBERTO 2,778,915
MITCHELL, ROBERT 2,880,460
MITCHELL, ROBERT FRANKLIN 2,831,056
MITCHELL, SCOTT A. 2,919,479
MITCHELMORE, PETER LAWRENCE 2,800,689
MITEL NETWORKS CORPORATION 2,779,894
MITEL NETWORKS CORPORATION 2,782,854
MITEL NETWORKS CORPORATION 2,797,986
MITRA, SHOUNAK 2,940,156
MITSUBISHI HEAVY INDUSTRIES ENVIRONMENTAL & CHEMICAL ENGINEERING CO., LTD. 2,902,417
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,828,875
MITSUTA, SHINJI 2,888,228
MIYAMOTO, OSAMU 2,828,875
MJN U.S. HOLDINGS LLC 2,740,299
MODIN, ANDREW E. 2,890,761
MOHAMMAD, HASSAN 2,723,307
MOHD SHARIFF, SITI FATIMAH 2,768,240
MOHR, DETLEF 2,761,576
MOLNAR, MIKLOS 2,767,605
MONDELEZ UK HOLDINGS & SERVICES LIMITED 2,749,407
MONROS, SERGE V. 2,888,649
MONTEITH, GEOFFREY ALLEN 2,699,797
MONTEMURRO, MICHAEL 2,812,839
MORALES, OSVALDO P. 2,774,238
MORAND, MICHEL 2,936,420
MORINAGA MILK INDUSTRY CO., LTD. 2,768,699
MORISHIMA, YOICHI 2,679,828
MOROHOSHI, TAKASHI 2,909,984
MORRIS, KRISTIN 2,740,299
MORSZECK, DIETER 2,907,626
MOSER, JOHN 2,879,215
MOSHANO, STEVE 2,763,352
MOTTER, CHRISTOPHER E. 2,699,981
MOTZ, JANCY A. 2,704,877
MOUNT, ELDRIDGE M. 2,869,638
MOUSAVI, PAYAM 2,732,300
MROUE, HEBA 2,909,262
MUELLER, STEPHANIE 2,786,340
MULEY, SHEETAL 2,858,868
MULLER, FRIEDRICH 2,896,143
MULTIGRAF AG 2,799,106
MULTIMODAL TECHNOLOGIES, LLC 2,680,304
MUMM, JOHN 2,664,304
MUNROW, MICHAEL 2,649,805
MURAI, SHUNSUKE 2,835,382
MURAKAMI, YOSHIKAZU 2,909,981
MURASATO, AKINOBU 2,843,180
MURPHY, DENNIS S. 2,768,759
MURPHY, KATHLEEN M. 2,703,631
MURRAY, IAN GORDON 2,886,536
MURRAY, MICHAEL 2,816,320
MUSTANG SAMPLING, LLC 2,951,823
MUTHUSAMY, RAMESH 2,912,939
MYERS, RICHARD M. 2,629,299
MYRVOLD, ORJAN 2,770,768
N'GUYEN, PIERRE 2,747,373
N'ZEMBA, BLAISE 2,767,130
NAGAHAMA, TAKUYA 2,931,087
NAGAYASU, HIROMITSU 2,828,875
NAGY, OLIVER 2,731,589
NAICKER, THEO 2,714,752
NAICKER, THEO 2,714,799
NAICKER, THEO 2,714,828
NAIK, NAGARAJU 2,837,369
NAIR, HARI 2,928,380
NAIR, MOHAN 2,700,692
NAKA, TAKASHI 2,867,428
NAKAJIMA, MOTOWO 2,877,232
NAKAMURA, SHIKO 2,866,235
NANA, SANJAY 2,889,012
NATALE, ALESSANDRA 2,907,868
NATIONAL RESEARCH COUNCIL OF CANADA 2,751,165
NATIONAL UNIVERSITY CORPORATION NAGOYA UNIVERSITY 2,879,605
NATIONAL UNIVERSITY CORPORATION TOTTORI UNIVERSITY 2,786,659
NAVEZ, VINCENT 2,788,049
NEDUNOORI, SRINI 2,884,113
NEKTAR THERAPEUTICS 2,749,126
NELSON, BRUCE I. 2,765,042
NERIN DE LA PUERTA, M. C. CRISTINA 2,765,632
NESCI, BRUNO C. 2,860,166
NESTEC S.A. 2,736,774
NESTEC S.A. 2,738,986
NESTEC S.A. 2,764,127
NESTEC S.A. 2,776,298
NESTEC S.A. 2,821,364
NETWORK FOUNDATION TECHNOLOGIES, LLC 2,577,443
NEWMAN, RICHARD ERNEST 2,844,701
NEWPARK MATS & INTEGRATED SERVICES LLC 2,923,992
NEWTON, JONATHAN 2,879,604
NG, TIEN KHEE 2,905,897
NGO, VINH X. 2,703,479
NGUYEN, DENNIS P. 2,713,714
NGUYEN, JACK 2,626,356
NGUYEN, NGUYEN 2,802,285
NGUYEN, NICOLAS 2,892,475
NGUYEN, THE'LINH 2,889,966
NI, LING 2,717,659
NICHOLS, DAVID L. 2,831,840
NICOLI, FABIO 2,723,704
NICOX S.A. 2,723,704
NIEMOLLER, ALBERT P. 2,881,149
NIGHT PUCK TECHNOLOGY INC. 2,889,838
NIKE INNOVATE C.V. 2,760,285
NIKE INNOVATE C.V. 2,807,938
NIKE INNOVATE C.V. 2,890,390
NIMS, JASON 2,807,938
NINGBO XIANFENG NEW MATERIAL CO., LTD. 2,917,665
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,843,180
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,909,984
NISHIJIMA, MOTOAKI 2,835,382
NISSAN MOTOR CO., LTD. 2,867,428
NITENBERG, ALAIN 2,713,675
NMC S.A. 2,788,049
NOBLE ENGINEERING COMPANY, INC. 2,736,283
NOEEL, EMMANUEL 2,788,049
NOEL, THOMAS 2,774,440
NOGUEIRA ALVES, CLARA 2,799,615
NOGUEIRA, JOAQUIM MARTINS 2,899,526
NOHARA, TIMOTHY J. 2,852,979

NOKIA SOLUTIONS AND NETWORKS OY 2,802,921
NOKIA TECHNOLOGIES OY 2,627,172
NOKIA TECHNOLOGIES OY 2,761,020
NOLAND, ANDREA L. 2,795,141
NORDINE, TROY DOUGLAS 2,730,207
NORTH CAROLINA STATE UNIVERSITY 2,723,785
NORTHROP GRUMMAN GUIDANCE AND ELECTRONICS COMPANY, INC. 2,856,865
NOTARO, JOEL M. 2,764,399
NOTTAGE, RYAN W. 2,869,727
NOTTE, GREGORY 2,919,479
NOVA CHEMICALS CORPORATION 2,710,715
NOVA CHEMICALS CORPORATION 2,718,455
NOVARTIS AG 2,761,723
NOVAWURKS, INC. 2,956,090
NOVO PLASTICS INC. 2,806,707
NUCOR CORPORATION 2,731,492
NUCTECH COMPANY LIMITED 2,823,121
NYLAND, RODNEY L., II 2,700,274
O'KEEFE, CHRISTIAN VICTOR 2,724,786
O'NEAL, MIKE 2,577,443
O'NEIL, ADRIAN 2,765,674
O'REILLY, JACOB SAMUEL 2,727,121
OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON 2,751,811
OFT, MARTIN 2,664,304
OGILVIE, THOMAS 2,945,239
OGURA, KOTARO 2,903,120
OGURA, KOTARO 2,903,135
OH, JUNGTAEK 2,829,676
OH, SANGKON 2,717,659
OHARA, HIDEKI 2,939,809
OHIRA, KOJI 2,835,382
OHSUGI, SHIGERU 2,888,228
OINAS, PEKKA 2,700,692
OKSCHE, ALEXANDER 2,723,307
OKUNO, SHINYA 2,866,235
OLD, DAVID W. 2,703,479
OLDENBURG, PAUL D. 2,821,241
OLDKNOW, KEVIN DAVID 2,884,113
OLSEN, RUSS G. 2,764,399
OLSON, ERIC 2,659,364
OLSON, LEIF 2,860,235
OLSON, TIMOTHY S. 2,725,180
OMYA INTERNATIONAL AG 2,800,858
OMYA INTERNATIONAL AG 2,882,929
OOI, BOON 2,905,897
OON, PENG HOOI 2,929,075
ORCHARD, BRIAN KEITH 2,728,526
ORENSTEIN, MICHAEL LEVI 2,807,938
ORGANOVO, INC. 2,903,844
ORIEL THERAPEUTICS, INC. 2,732,826
OROPALLO, ANTHONY 2,741,392
OROPALLO, ROBERT A. 2,741,392
ORR, SUVI TUULA MARJUKKA 2,853,024
ORTEGA, JOSE 2,763,077
ORTLOFF ENGINEERS, LTD. 2,763,714
OSCARSON, STEFAN 2,732,939
OSHIMURA, MITSUO 2,786,659
OSTRANDER, KRISTOFFER V. 2,821,300
OSTUNI, RAFFAELE 2,792,985
OSWALD, JOHANN 2,796,373
OUELLETTE, MARC 2,937,907
OUMAR-MAHAMAT, HALOU 2,821,241
OUSSOVA, ALEXANDRA 2,594,371
OUTOTEC (FINLAND) OY 2,893,815
PADERNO, JURIJ 2,710,997
PADMA, AKKAPEDDI 2,855,753
PADRON PALOMARES, GABRIEL RAMON 2,748,493
PADULLAPARTHI, VENKATA RAMAKRISHNA 2,821,103
PAGANETTI, TOM 2,920,180
PAHNER, UWE 2,779,291
PAINTER, JAY PATRICK 2,713,714
PALANDER, MARKO 2,893,815
PALTA, DEEPALI 2,869,638
PAN AMERICAN SCREW LLC 2,728,526
PANASYUK, ALEXANDER 2,843,806
PANDROL LIMITED 2,770,171
PANDROL LIMITED 2,784,947
PANIZO, GEMA 2,765,915
PARACHINI, DAVIDE 2,710,997
PARENTEAU, DANIEL 2,755,777
PARHAR, ANUDEEP 2,730,207
PARK, DO SEO 2,885,152
PARK, JOONYOUNG 2,834,249
PARK, SEUNGWOOK 2,834,249
PARSONS, RAMON 2,752,590
PARTEN, WILLIAM D. 2,766,498
PASSE, DAMIEN 2,753,128
PATEL, LEENA 2,895,782
PATEL, MAYANK ARVINDBHAI 2,878,136
PATEL, VINAY 2,887,573
PATENT PHARMA 2,504,355
PATHOGEN REMOVAL AND DIAGNOSTIC TECHNOLOGIES INC. 2,723,785
PATIL, RAHUL CHANDRAKANT 2,912,939
PATT, PAUL 2,818,390
PATTEUW, SKIP L. 2,902,018
PATTON, PAUL 2,815,849
PAUL WURTH S.A. 2,751,264
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ALLSTATE INSURANCE COMPANY 2,975,085
ALLSTATE INSURANCE COMPANY 2,975,087
ALMAN, PAUL T. 2,975,358
ALPES LASERS SA 2,968,925
ALPES LASERS SA 2,969,073
ALWATTARI, ALI 2,975,433
AMEMIYA, TORU 2,975,549
AMIRINA, NAJMIA 2,971,734
AMIRTHASAMY, STANLEY FELIX 2,966,663
AMITAI, YAAKOV 2,966,851
AMOROS, ROBERT 2,970,568
AMOVA GMBH 2,973,384
AMPJACK INDUSTRIES LTD. 2,974,994
AN, NING 2,975,417
ANAPA BIOTECH A/S 2,970,966
ANDERSEN, HANNE FLATEN 2,975,396
ANDERSON, JOHN E. 2,972,028
ANDERSON, PETER 2,975,274
ANDREWS, GEOFFREY 2,974,973
ANDRITZ S.A.S. 2,974,459
ANONOS INC. 2,975,441
ANTHIERENS, TOM 2,974,454
APPLIED MEDICAL RESOURCES CORPORATION 2,967,586
ARAI, YASUHITO 2,974,937
ARBELAEZ, JUAN 2,974,138
ARCELORMITTAL S.A. 2,972,185
ARCH WOOD PROTECTION PTY LTD 2,975,402
ARCONIC INC. 2,972,155
ARCONIC INC. 2,974,514
ARIOKA, KOJI 2,975,304
ARKEMA FRANCE 2,971,543
ARKEMA FRANCE 2,971,548
ARKEMA FRANCE 2,971,550
ARNON, RAFFI 2,975,065
ARONOV, ALEXANDER 2,975,048
ARORA, KANIKA 2,970,342
ARORA, KANIKA 2,970,528
ARORA, KANIKA 2,970,607
ARORA, KANIKA 2,970,611
ARORA, KANIKA 2,970,670
ARORA, KANIKA 2,970,671
ARTHREX, INC. 2,975,320
ASANO, SATOSHI 2,975,365
ASHWOOD-SMITH, PETER 2,975,319
ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS 2,971,933
ASTELLAS PHARMA INC. 2,975,072
ASTROLINK INTERNATIONAL LLC 2,968,091
ATKINS, WILLIAM BRIAN 2,975,261
ATLASMAN, TATYANA 2,970,763
ATOMIC ENERGY OF CANADA LIMITED / ENERGIE ATOMIQUE DU CANADA LIMITEE 2,975,304
AU, KELVIN KAR KIN 2,975,316
AUGELLI, MICHAEL J. 2,974,906
AUGELLI, MICHAEL J. 2,974,908
AVERBACK, PAUL 2,975,221
AXNAS, JOHAN 2,968,202
AZOULAY, ALEXANDRE 2,972,166
B.R.A.I.N. AKTIENGESELLSCHAFT BIOTECHNOLOGY RESEARCH AND INFORMATION NETWORK AG 2,969,819
BABICH, KEVIN 2,968,534
BADHWAR, AJAY N. 2,964,919
BAKER HUGHES INCORPORATED 2,966,982
BAKER HUGHES, A GE COMPANY, LLC 2,974,949
BAKER, PAUL EDMUND 2,966,768
BALDA, ANTHONY 2,974,981
BALDA, ANTHONY 2,974,987
BALDA, ANTHONY 2,975,045
BALDEMAIR, ROBERT 2,968,202
BANNERT, MICHEL 2,973,384
BANSAL, REESHIDEV 2,972,033
BARNES, MICHAEL 2,971,788
BARROW, JAMES 2,975,398
BARS, CLEMENT 2,971,775
BARTEE, CHARLES 2,975,086
BASF COATINGS GMBH 2,971,969
BASF SE 2,971,674
BASF SE 2,975,183
BASKERVILLE, SCOTT 2,974,981
BASKERVILLE, SCOTT 2,974,987
BASKERVILLE, SCOTT 2,975,045
BASTA, JASON E. 2,971,172
BAUMSTEIN, ANATOLY 2,972,033
BECKING, FRANK P. 2,974,366
BECTON, DICKINSON AND COMPANY 2,974,966
BECTON, DICKINSON AND COMPANY 2,975,046
BEDEN, JOSEF 2,974,169
BEILINSON, VADIM 2,969,009
BELL, WILLIAM 2,975,253
BELL, WILLIAM T. 2,975,143
BELLOVIN, DAVID 2,963,147
BELMONTE MULA, MANUELA 2,975,206
BEN-CHITRIT, OLGA 2,975,065
BENGTSSON, JON 2,975,446

BENNETT, ANTON 2,974,958
BERCOFF, JEREMY 2,971,676
BERNARD, FREDDY 2,971,658
BERNASCOLLE, PHILIPPE 2,970,369
BERNHEIM, HENRIK F. 2,968,091
BERNITSAS, NIKOLAOS 2,972,245
BERRUE, FABRICE 2,975,293
BERTIN TECHNOLOGIES 2,970,369
BHANUSHANKER, DAVE HOMESHKUMAR 2,966,563
BIADILLAH, YOUSSEF 2,975,361
BIELER, THIERRY A. 2,966,989
BIEMER, EDWARD A. 2,975,084
BIEMER, EDWARD A. 2,975,085
BIGLIATI, MARCO 2,970,781
BIKARD, DAVID 2,971,933
BILLOTTE CABRE, CATHERINE 2,972,168
BILLOTTE CABRE, CATHERINE 2,972,172
BINGHAM, BRYCE ARTHUR 2,971,388
BIOMED VALLEY DISCOVERIES, INC. 2,975,048
BIOSERENTACH CO., LTD. 2,975,067
BIOSPYDER TECHNOLOGIES, INC. 2,975,088
BISMUTO, ALFREDO 2,968,925
BISMUTO, ALFREDO 2,969,073
BITTLINGER, WOLFGANG 2,973,503
BITTON, TOMER 2,968,201
BITTON, TOMER 2,968,327
BLANK, LARS M. 2,969,819
BLANKENSHIP, JERRY 2,970,484
BLEIDT, ROBERT 2,967,519
BLIEM, TOBIAS 2,967,519
BLIER, KENNETH 2,974,906
BLIER, KENNETH 2,974,908
BLUM, CHARLES, A. 2,975,291
BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM 2,975,193
BOBST LYON 2,970,568
BOEHLER, JEFFREY T. 2,975,096
BOERRIGTER, STEPHAN X.M. 2,975,048
BOMBARDIER INC. 2,971,360
BOOHER, TODD S. 2,971,873
BORGESEN, ARE 2,975,455
BOSTWICK, DAVID G. 2,975,123
BOTELLO ROJAS, FAIVER 2,975,205
BOVARD, REESE STEELE 2,975,448
BOXCORP SA 2,972,166
BOY, KENNETH M. 2,967,344
BOYDE, TOM ROBIN CAINE 2,973,435
BRAMA, MARWAN 2,966,663
BRANDENBERG, NATHALIE 2,972,057
BRASSARD, JEAN-PAUL 2,967,297
BRESLIN, TRACY 2,967,586
BREVIK-ANDERSEN, MERETHE H. 2,974,758
BRISTOL-MYERS SQUIBB COMPANY 2,963,147
BRISTOL-MYERS SQUIBB COMPANY 2,967,344
BROOKES, DAVID JAMES 2,972,245
BROUWER, MARK 2,974,454
BROWN, ANDRE DAVID 2,975,385
BROWN, BOB DALE 2,970,801
BROWN, JEFF 2,975,153
BROWN, STEPHEN C. 2,968,665
BRUCK, VOLKER 2,973,384
BRUSH SOLUTIONS, LLC 2,975,253
BRYTIK, VALERIY 2,972,028
BUCHANAN, PETER J. 2,974,999
BUCHLER, INGRID 2,975,398
BUCHSTALLER, JURGEN 2,973,503
BURKE, BRIAN 2,975,385
BURKE, ERIN 2,975,385
BURKS, JODY MARIE 2,975,433
BURSAC, RANKO 2,965,357
BURY, RAFAEL 2,971,854
BUSCHER, JOERG 2,969,819
BYRNE, PATRICK M. 2,975,528
C.R. BARD, INC. 2,975,255
CABRERA, LUIS FELIPE 2,972,499
CADENA BIO, INC. 2,975,091
CADENA BIO, INC. 2,975,095
CAI, CHONGRUI 2,968,498
CALDWELL, RICHARD DANA 2,975,291
CALIN, DANIEL 2,971,548
CALIN, DANIEL 2,971,550
CALIXAR 2,959,153
CALVALCANTI, VICTOR TENORIO CHAMIXAES 2,975,472
CAMERON INTERNATIONAL CORPORATION 2,972,761
CANN, KEVIN J. 2,967,399
CARBARY, LAWRENCE DONALD 2,971,211
CARGILL, INCORPORATED 2,970,787
CARGILL, INCORPORATED 2,972,037
CARLSON, TING LIU 2,970,787
CARLSSON, HANS 2,975,549
CARRIER CORPORATION 2,968,521
CARRIER CORPORATION 2,968,537
CARRIER CORPORATION 2,968,550
CARRIER CORPORATION 2,968,580
CARTER, ANTHONY E. 2,970,484
CASAUBON, REBECCA 2,975,291
CASGRAIN, DOMINIC 2,975,524
CASSONI, ROBERT PAUL 2,966,768
CEPHEID 2,971,006
CERF BENSUSSAN, NADINE 2,971,933
CETRONE, ALLAN JON 2,975,255
CHA, HYUN GIL 2,971,615
CHACON, RYAN EDWARD 2,975,097
CHAMARTHI, HAREESH 2,971,734
CHANDRASEKARAN, NEELAKANDAN 2,972,232
CHANG, CHRIS 2,974,981
CHANG, CHRIS 2,974,987
CHANG, CHRIS 2,975,045
CHAPUT, LUKE JOSEPH 2,974,994
CHARLES ROGEAU, ETIENNE THIERRY 2,975,549
CHARLES STURT UNIVERSITY 2,975,274
CHAUVET & SONS, INC. 2,975,290
CHAUVET, ALBERT 2,975,290
CHEN, DANDAN 2,971,721
CHEN, HUI 2,975,238
CHEN, JIANGANG 2,975,160
CHEN, LIANG 2,975,405
CHEN, LIANZHOU 2,971,612
CHEN, QIAO 2,950,546
CHEN, RIN IN 2,975,124
CHEN, YANG 2,967,365
CHEN, YILONG 2,975,160
CHEN, YUNZHAO 2,975,156
CHEN, ZHONGYING 2,969,151
CHENG, BINGBING 2,975,193
CHEVALLIER, PATRICE 2,975,410
CHEVRON U.S.A. INC. 2,971,459
CHILTON, MARY-DELL 2,969,151
CHIN, KAH FAI 2,975,252
CHIOCK, MARIO 2,974,947
CHITALE, KEDAR 2,970,162
CHITTURI, TRINADHA RAO 2,975,363
CHIU, MARIA ISABEL 2,971,734
CHIYAMA, MASATERU 2,975,067
CHLUP, JAROSLAV 2,972,118
CHOI, HWAN, GEUN 2,975,271
CHOI, HWAN, GEUN 2,975,277
CHOI, KYOUNG-SHIN 2,971,615
CHRISTIAN, SEAN M. 2,975,272
CHU DE NANTES 2,975,410
CHURCHILL, WINSTON SAMUEL 2,970,855
CHUTE, JERRED A. 2,968,367
CHYKEYUK, KIRYL 2,973,169
COLGATE-PALMOLIVE COMPANY 2,971,571
COLGATE-PALMOLIVE COMPANY 2,971,721
COLL, REBECCA 2,975,192
COLLAZO, DOEL J. 2,971,172
CONAGEN INC. 2,975,238
CONCENTRIC REAL TIME, LLC 2,975,448
CONE, RICHARD 2,974,715
CONNELL, JASON 2,972,022
CONRAD, JOSEPH C. 2,975,393
CONRAD, MATTHEW C. 2,975,393
CONSORTIUM DE RECHERCHE BRP - UNIVERSITE DE SHERBROOKE S.E.N.C. 2,975,062
CONTRERAS M., ROBERTO 2,970,077
CONTRERAS M., ROBERTO 2,970,620
COOK, GRANT, O., III 2,974,509
COOK, JONATHAN 2,975,213
COOK, PAUL HARRY 2,968,656
COOPER, MATT 2,975,192
COPELAND, RICHARD LOYD 2,972,429
COSTA, FABIO M. 2,972,451
COSTELLO, MARK M. 2,974,399
CRAMER, DAVID S. 2,975,154
CRITTENDEN, BRADLEY ARTHUR 2,975,446
CROLL, PERRY 2,975,263
CROSS, PAUL MARK 2,971,731
CRUCE, CHRISTOPHER J. 2,975,259

CRYPTZONE NORTH AMERICA, INC. 2,975,168
CURILLA, DARRELL 2,968,828
CUSTERS, DAVID 2,971,618
CYTEC INDUSTRIES INC. 2,971,731
D'AMICO, MICHAEL 2,975,385
DAI, LING 2,975,155
DAI, XIAOGUO 2,975,155
DAIICHI SANKYO COMPANY, LIMITED 2,975,376
DAMBRINE, BRUNO JACQUES GERARD 2,972,168
DAMBRINE, BRUNO JACQUES GERARD 2,972,172
DANA-FARBER CANCER INSTITUTE, INC. 2,968,555
DANA-FARBER CANCER INSTITUTE, INC. 2,975,271
DANA-FARBER CANCER INSTITUTE, INC. 2,975,277
DANFORD, JAMES J. 2,975,259
DANIEL MEASUREMENT AND CONTROL, INC. 2,970,484
DATAR, RAJIV 2,975,312
DAVIS, BENJAMIN MARTIN 2,974,399
DE MANZANOS GUINOT, ANGELA 2,969,299
DE PAEPE, JEROEN 2,972,037
DEAKIN UNIVERSITY 2,975,190
DEAL, KEVIN 2,971,459
DECLERCQ, FABIEN 2,972,037
DECRESCENZO, GARY 2,975,048
DEJEAN, EMMANUEL 2,959,153
DELALOYE, STEPHANE 2,975,361
DELGADO RODRIGUEZ, LUIS ALFONSO 2,975,377
DELORENZO, JOSEPH F. 2,975,125
DENNING, CHRIS 2,971,291
DENT, PAUL WILKINSON 2,975,390
DEPRUGNEY, LUC 2,971,711
DEREIMS, PHILIPPE 2,973,051
DESPOIS, AUDE 2,971,618
DESUZINGES-MANDON, ELODIE 2,959,153
DEVANEY, ROBERT 2,975,320
DEVLIN, DAVID D. 2,975,154
DHAS, VIVEK V. 2,968,367
DI PAOLO, JULIE A. 2,974,828
DICERNA PHARMACEUTICALS, INC. 2,970,801
DIERICKX, WILLIAM 2,974,454
DIETERICH STANDARD, INC. 2,971,388
DIMASCIO, FELICE 2,975,284
DISCH, JEREMY S. 2,975,291
DIXON, JAMES 2,971,291
DNX BIOTECH, LLC 2,975,312
DOCUMENT STORAGE SYSTEMS, INC. 2,969,136
DOERRING, NICHOLAS DANIEL 2,972,621
DOMINGUE, CHANTELLE E. 2,975,423
DOMINGUE, CHANTELLE ELIZABETH 2,975,420
DOMINGUE, CHANTELLE ELIZABETH 2,975,422
DOMINION ENERGY TECHNOLOGIES, INC. 2,968,091
DOMINOWSKI, PAUL JOSEPH 2,973,828
DONDERICI, BURKAY 2,974,801
DOTY, DANIEL 2,971,734
DOU, HAI 2,975,308
DOUBROVINA, EKATERINA 2,966,351
DOUROS, KENNETH A. 2,972,451
DOUSSET, CHRISTIAN 2,974,459
DOW AGROSCIENCES LLC 2,969,547
DOW AGROSCIENCES LLC 2,970,342
DOW AGROSCIENCES LLC 2,970,528
DOW AGROSCIENCES LLC 2,970,607
DOW AGROSCIENCES LLC 2,970,611
DOW AGROSCIENCES LLC 2,970,670
DOW AGROSCIENCES LLC 2,970,671
DOW CORNING CORPORATION 2,971,211
DOW GLOBAL TECHNOLOGIES LLC 2,964,919
DOW GLOBAL TECHNOLOGIES LLC 2,975,171
DRUART, GUILLAUME 2,970,369
DRUCKER, MAX 2,974,973
DUBAL, DENA 2,974,988
DUGAS, ROSS E. 2,964,919
DUKES AEROSPACE, INC. 2,975,264
DUPRAS, GABRIEL 2,974,997
DUTTA, VIKRANT 2,975,236
DUVAL, KARINE 2,974,848
DVORAK, VACLAV 2,972,118
E. I. DU PONT DE NEMOURS AND COMPANY 2,970,138
E.I.DU PONT DE NEMOURS AND COMPANY 2,971,743
EATON CORPORATION 2,971,172
EBB THERAPEUTICS, INC. 2,975,092
EBERL, GERARD 2,971,933
ECHWALD, SOREN MORGENTHALER 2,970,966
ECOLAB USA INC. 2,974,833
ECOLAB USA INC. 2,975,267
ECOLAB USA INC. 2,975,284
ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL) 2,972,057
EDGEWELL PERSONAL CARE BRANDS, LLC 2,966,867
EDWARDS, CARL K., III 2,975,312
EHLERT, ZOE 2,969,547
EISAI R&D MANAGEMENT CO., LTD. 2,974,937
EKBERG EMBALLAGE AB 2,975,082
EKVALL, CRAIG A. 2,975,294
ELECTRICITE DE FRANCE 2,971,711
ELI LILLY AND COMPANY 2,975,413
ELKEM AS 2,975,396
ELTEK S.P.A. 2,970,781
EMBERTEC PTY LTD 2,975,397
EMBERTEC PTY LTD 2,975,400
EMERSON VULCAN HOLDING LLC 2,975,381
ENANTA PHARMACEUTICALS, INC. 2,975,257
ENERGYFICIENT LIGHTING SYSTEMS, INC. 2,974,983
ENGENE, KNUT 2,975,399
ENSIGN, LAURA 2,974,715
ENSILO LTD. 2,968,201
ENSILO LTD. 2,968,327
ENUMERAL BIOMEDICAL HOLDINGS, INC. 2,971,734
ENVIROLOGIX INC. 2,975,328
ENVIROLOGIX, INC. 2,975,236
ERNI PRODUCTION GMBH & CO. KG 2,967,079
ERNI PRODUCTION GMBH & CO. KG 2,967,080
ERNI PRODUCTION GMBH & CO. KG 2,967,081
ERNST, GLEN 2,975,398
ESAB AB 2,966,563
ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE) 2,966,488
EVANS, RICHARD 2,971,674
EVENSON, EUAN J. 2,971,701
EVERETT, DAVID WILLIAM 2,975,472
EVERWYN, ALEXANDRE PATRICK JACQUES ROGER 2,971,347
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,972,028
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,972,033
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,972,149
F'REAL FOODS, LLC 2,975,451
FACEBOOK, INC. 2,975,411
FACEBOOK, INC. 2,975,416
FAIST, JEROME 2,968,925
FALARDEAU, BRUNO 2,974,848
FALB, DEAN 2,971,876
FARLEY, JAMES M. 2,967,414
FELDMAN, ARTHUR M. 2,975,258
FENG, BIN 2,971,734
FENGLER, KEVIN 2,970,138
FERGUSON, DANA 2,975,087
FERREIRA, LOUIS 2,974,996
FERVEL, FRANCK 2,970,369
FILIPPONE, CLAUDIO 2,975,515
FINCH, WILLIAM C. 2,967,395
FISENI, ALEXANDER FELIX 2,967,019
FISH, ERIC NATHANIEL 2,975,528
FISHER CONTROLS INTERNATIONAL LLC 2,966,663
FISHER CONTROLS INTERNATIONAL LLC 2,968,121
FISHER CONTROLS INTERNATIONAL LLC 2,975,358
FISHILEVICH, ELANE 2,970,342
FISHILEVICH, ELANE 2,970,528
FISHILEVICH, ELANE 2,970,607
FISHILEVICH, ELANE 2,970,611
FISHILEVICH, ELANE 2,970,670

FISHILEVICH, ELANE 2,970,671
FIT FOR ME B.V. 2,964,197
FIVE PRIME THERAPEUTICS, INC. 2,963,147
FLACTION, LIONEL 2,975,361
FLAHERTY, J. CHRISTOPHER 2,975,488
FLAHERTY, R. MAXWELL 2,975,488
FLICK, ANDREW CHRISTOPHER 2,975,157
FLODESIGN SONICS, INC. 2,970,162
FLOOK, JOSH 2,969,547
FONDATION IMAGINE 2,971,933
FONTE, MATTHEW 2,975,320
FORUM US, INC. 2,974,138
FOUDA, AHMED ELSAYED 2,974,801
FOWLIE, DAVID A. 2,970,922
FOX, RYAN MICHAEL 2,975,291
FP MARANGONI INC. 2,975,282
FRAM GROUP IP, LLC 2,975,096
FRANCIS, MARK 2,971,788
FRANCOIS, GILLES 2,971,543
FRATESCHI, ALEXANDRE 2,971,674
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,967,519
FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH 2,974,169
FREY, MEGHAN 2,970,342
FREY, MEGHAN 2,970,528
FREY, MEGHAN 2,970,607
FREY, MEGHAN 2,970,611
FREY, MEGHAN 2,970,670
FREY, MEGHAN 2,970,671
FRISCHE, ERIC A. 2,972,348
FRISK, JOSEPH W. 2,971,603
FROMM, GEORGE 2,975,191
FRYERS, BENJAMIN 2,970,935
FUELIE SYSTEMS, INC. 2,975,329
FUJII, TAKAHIRO 2,975,240
FUJITSU LIMITED 2,975,241
FULTON, JESSE 2,975,411
FULTON, JESSE 2,975,416
FUNDACAO ANTONIO PRUDENTE 2,975,278
FUNGIALERT LIMITED 2,969,299
FUTURE LABO CO., LTD. 2,975,368
GABORIAU-ROUTHIAU, VALERIE 2,971,933
GADINI, COSTANZO 2,970,781
GAO, ZHI 2,975,156
GARADI, VIKRAM A. 2,966,989
GARCIA, DANIEL 2,969,547
GARDNER, CLAYTON G. 2,975,451
GARDNER, DOUGLAS B. 2,975,267
GASPARD, DAN 2,970,787
GATEKEEPER SYSTEMS, INC. 2,972,478
GATT, REFAEL 2,965,546
GATTO, RICCARDO 2,975,397
GAY, CYRIL GERARD 2,973,828
GD MIDEA ENVIRONMENT APPLIANCES MFG CO., LTD. 2,975,308
GEARING, DAVID 2,975,017
GELONESE, DOMENICO 2,975,397
GELONESE, DOMENICO 2,975,400
GENENTECH, INC. 2,963,974
GENERAL DOWNHOLE TECHNOLOGIES LTD. 2,975,154
GENERAL ELECTRIC COMPANY 2,967,019
GENERAL MILLS, INC. 2,970,779
GEORGIA TECH RESEARCH CORPORATION 2,968,196
GEORGY, PIERRE-LUC 2,975,335
GEPPERT, ANDREW 2,975,451
GERARD, PIERRE 2,971,543
GERARD, PIERRE 2,971,548
GERARD, PIERRE 2,971,550
GERDIN, LARS 2,966,563
GEREMIA, JOHN M. 2,975,091
GEREMIA, JOHN M. 2,975,093
GEREMIA, JOHN M. 2,975,095
GETSCHEL, JOEL A. 2,972,232
GIDDING, MICHAEL J. 2,975,091
GIDDING, MICHAEL J. 2,975,095
GILEAD SCIENCES, INC. 2,974,828
GILL, KRISTA ANN 2,975,293
GILLIS, ERIC P. 2,967,344
GILLMAN, KEVIN W. 2,967,344
GINI, EMILIO 2,968,925
GIORDA, KRISTINA 2,975,529
GIRI, MANISH 2,975,420
GIRI, MANISH 2,975,422
GIRI, MANISH 2,975,423
GISCH, DARYL J. 2,975,171
GIVANT, CHRISTINE A. 2,974,953
GLAX LLC 2,975,223
GLAXOSMITHKLINE LLC 2,975,291
GLAZEMAKERS, KURT 2,975,168
GLOBIG, MICHAEL A. 2,972,155
GOHDE, JOHN CHRISTIAN 2,975,255
GOKURAKUJI, JUNICHI 2,975,071
GOLDENBERG, DAVID M. 2,975,410
GOLDMAN, JONATHAN R. 2,972,499
GOLTZ, H. ROBERT 2,975,171
GOODE, MARK G. 2,967,399
GOODRICH, JASON 2,967,344
GOODWIN, SCOTT 2,975,442
GOTO, SOTA 2,975,366
GOYON, ANNABELLE 2,971,981
GOYON, ANNABELLE 2,971,984
GRADILONE, DINO 2,975,281
GRANLI, TROND 2,975,399
GRAY, NATHANAEL 2,975,271
GRAY, NATHANAEL 2,975,277
GRECO, PAUL M. 2,975,234
GREEN, CHAIM AARON JAMES 2,968,482
GREEN, ROBERT D. 2,975,367
GREENBERGER, DOROTHY GATES 2,971,873
GREENE, AMY 2,975,526
GRESCH, TOBIAS 2,969,073
GRIFFITH, GLEN A. 2,975,508
GRIGGS, BILLY JOE, JR. 2,975,418
GROGAN, JANE L. 2,963,974
GROSS, KEVIN R. 2,967,399
GRUNDNER, LUKAS 2,974,076
GU, WEINING 2,969,151
GUAN, ZHENG 2,968,498
GUDMUNDSSON, JONAS 2,975,082
GUERRA, GERARDO 2,974,138
GUERRETTE, THOMAS 2,975,236
GUO, QIONG 2,965,357
GUPTA, ALOK 2,971,618
GUPTA, RAJEEV 2,970,138
GUPTA, RAM B. 2,971,731
GUREVICH, LINA 2,975,295
H2OPTX INC. 2,974,970
HAGER, PATRICK J. 2,972,232
HALL, KEVIN 2,975,272
HALLIBURTON ENERGY SERVICES, INC. 2,972,402
HALLIBURTON ENERGY SERVICES, INC. 2,974,295
HALLIBURTON ENERGY SERVICES, INC. 2,974,509
HALLIBURTON ENERGY SERVICES, INC. 2,974,801
HALLIBURTON ENERGY SERVICES, INC. 2,975,086
HALLIBURTON ENERGY SERVICES, INC. 2,975,261
HALLIBURTON ENERGY SERVICES, INC. 2,975,433
HALLIBURTON ENERGY SERVICES, INC. 2,975,438
HALLIBURTON ENERGY SERVICES, INC. 2,975,442
HAMBLETON, JULIE 2,963,147
HAMER, SIMON WILLEM JAAP 2,964,197
HAMILTON, NEIL 2,975,519
HAMM, RONDA 2,970,342
HAMM, RONDA 2,970,528
HAMM, RONDA 2,970,607
HAMM, RONDA 2,970,611
HAMM, RONDA 2,970,670
HAMM, RONDA 2,970,671
HAN, JIXIANG 2,975,238
HANES, JUSTIN 2,974,715
HANGZHOU GREAT STAR INDUSTRIAL CO., LTD. 2,975,299
HANGZHOU GREAT STAR TOOLS CO., LTD. 2,975,299
HANNAH, STEPHEN E. 2,972,478
HAO, JI HONG 2,971,873
HARADA, HIROKI 2,975,373
HARASHIMA, HIDEYOSHI 2,975,371
HARDHAM, JOHN MORGAN 2,973,828
HARDING, DAVID 2,972,496
HARKEMA, JONAH J. 2,968,537
HARKEMA, JONAH J. 2,968,580
HARRIMAN, MARK EDWARD 2,971,731
HARRIS, DANIEL 2,975,254
HARRIS, ROBERT 2,975,351
HARTEREI REESE BOCHUM GMBH 2,974,461
HARTING ELECTRIC GMBH & CO. KG 2,972,120

HARTLEY, LEE FASON 2,975,488
HARVEST AIR, LLC 2,975,559
HARVEY, MICHAEL J. 2,975,154
HASAN, AISHA N. 2,966,351
HASHIGUCHI, ATSUSHI 2,975,243
HASHIMOTO, MIKU 2,975,368
HAVAS, FABIEN 2,975,065
HAWKER SIDDELEY SWITCHGEAR LIMITED 2,966,600
HAYASHI, HIROAKI 2,975,075
HAZELWOOD, JOHN 2,974,985
HAZUKA, FILIP 2,972,118
HEAT BIOLOGICS, INC. 2,975,191
HEATON, WILLIAM HAYNES 2,975,529
HEFEI UNIVERSITY OF TECHNOLOGY 2,950,546
HEIDE, CARSTEN 2,973,384
HEITZMANN, MARKUS 2,971,541
HENRIKSEN, JAMES R. 2,969,009
HENRY, JEAN-PIERRE 2,971,676
HERNANDEZ, LORENZO HUACAN 2,971,988
HERNANDEZ-CASTANEDA, MARTHA 2,966,488
HESLOUIS, MELANIE 2,966,488
HESTIR, KEVIN 2,963,147
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 2,975,420
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 2,975,422
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 2,975,423
HIGAKI, TATSUYA 2,975,365
HIGGINS, LAURA SUE 2,975,302
HIGUCHI, RUSSELL 2,971,006
HILL, BRENDON 2,975,046
HILLIAR, PAUL 2,967,471
HILLIARD, PETER R., JR. 2,971,721
HINKOV, BORISLAV 2,968,925
HIRAGUCHI, TOMONARI 2,975,068
HJELLE, VIDAR 2,975,081
HJERRILD, KATHRYN 2,975,017
HOFMEISTER, RUDOLF J. 2,974,970
HOFSTETTER, GREGORY K. 2,967,586
HOHNEL, SYLKE 2,972,057
HOLAPPA, SUSANNA 2,966,585
HOLMAN, THOMAS 2,975,309
HOLMEN, ANDERS GILLIS 2,975,549
HOMMEYER, JOHN A. 2,969,258
HONDA MOTOR CO., LTD. 2,975,249
HOP, JORUND 2,975,081
HORIZONO, HIDEKI 2,975,075
HORNMAN, JOHAN CORNELIS 2,971,438
HOROWITZ, LAWRENCE 2,975,346
HOSCH, TIM 2,974,514
HOSHII, HIROAKI 2,975,072
HOSOI, FUMIHITO 2,975,372
HOSPICES CIVILS DE LYON 2,959,153
HOUGH, TED 2,971,400
HU, ZHENXING 2,975,306
HU, ZHI LONG 2,975,413
HUANG, DAVID 2,975,046
HUANG, HAI-TSANG 2,975,271
HUANG, HAI-TSANG 2,975,277
HUANG, WEI 2,972,155
HUANG, YIFANG 2,975,398
HUAWEI TECHNOLOGIES CO., LTD. 2,975,306
HUAWEI TECHNOLOGIES CO., LTD. 2,975,316
HUAWEI TECHNOLOGIES CO., LTD. 2,975,319
HUBERS, DEBRA K. 2,974,953
HUGHES NETWORK SYSTEMS, LLC 2,968,964
HUGHES, HAROLD 2,968,665
HUI, DENNIS 2,968,202
HUMAIR, ARNAUD 2,975,361
HUMPHREY, DAVID 2,975,402
HUNT ENERGY ENTERPRISES, L.L.C. 2,968,367
HUNTER, JOHN ANTHONY 2,971,596
HUSSEIN, FATHI DAVID 2,967,414
HUTCHINSON, PETER 2,975,385
HUYGHE, JEAN-MARC 2,974,459
HYDRONIC HEATING TECHNOLOGIES INC. 2,975,403
HYDROPROCESS 2,973,051
HYUN, CHOI 2,975,491
I.B.R. ISRAELI BIOTECHNOLOGY RESEARCH LTD. 2,975,065
I2 PHARMACEUTICALS, INC. 2,975,346
ICE, DONALD A. 2,974,970
IDE, YUKO 2,975,067
IGIMI, SHIZUNOBU 2,975,247
ILLINOIS TOOL WORKS INC. 2,971,842
IMAGEWARE SYSTEMS, INC. 2,972,496
IMDEX GLOBAL B.V. 2,975,500
IMLER, ALAN ROBERT 2,975,282
IMMUNOMEDICS, INC. 2,975,410
INAREJOS MESA, JAVIER 2,975,205
INCALL LIMITED 2,968,482
INGRAM, AARON N. 2,974,399
INSERM 2,959,153
INSERM 2,975,410
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) 2,971,933
INSTITUT PASTEUR 2,971,933
INTUIT INC. 2,972,499
INVESTIGACION TECNICA AVANZADA S.A. DE C.V. 2,970,077
INVESTIGACION TECNICA AVANZADA S.A. DE C.V. 2,970,620
IOACHIM, OCTAVIAN 2,971,360
ION GEOPHYSICAL CORPORATION 2,972,245
IREY, GRADY 2,975,084
IREY, GRADY 2,975,085
IRWIN, MICHAEL D. 2,968,367
ISABELLA, VINCENT 2,971,876
ISHIKAWA, NAOMOTO 2,975,075
ITO, KEN 2,975,061
ITO, KEN 2,975,064
ITO, KEN 2,975,066
ITZHAK, MENI MENASHE 2,975,232
IYOHA, OSEMWENGIE UYI 2,971,701
JACKSON, DENNIS LYNN, JR. 2,975,282
JACKSON, JAMES ALAN 2,973,828
JACOBS, PETER 2,975,309
JAGGA, ARUN VICTOR 2,974,995
JAMES, JESSE M. 2,972,478
JANAK, KEVIN E. 2,972,026
JANES, STEPHEN CHRISTOPHER 2,975,438
JANG, CHOONG HYO 2,971,999
JANSSEN BIOTECH, INC. 2,970,935
JANSSEN, ALBERT JOSEPH HENDRIK 2,974,462
JAPAN CHEMICAL INDUSTRIES CO., LTD. 2,972,182
JAPAN HEALTH SCIENCES FOUNDATION 2,975,247
JAQUAY, ERIC 2,967,365
JAROSZ, MIRNA 2,975,529
JENSEN, ERIC JOHN 2,975,448
JENSEN, JARY D. 2,971,211
JEONG, HONG-SIL 2,975,077
JEONG, HYUN KU 2,971,999
JEZEQUEL, PIERRE-HENRI 2,971,658
JFE STEEL CORPORATION 2,975,068
JFE STEEL CORPORATION 2,975,245
JFE STEEL CORPORATION 2,975,366
JIANG, YAPING 2,969,151
JING, CHARLIE 2,972,028
JLG INDUSTRIES, INC. 2,971,873
JOCHMANS, DIRK 2,975,382
JOERG, SUSANNE 2,971,800
JOHNSON & JOHNSON VISION CARE, INC. 2,966,529
JOHNSTON, STACI J. 2,975,267
JONCA, ALEKS 2,971,734
JONES, DAVID 2,974,236
JONES, JANICE C. 2,969,009
JONES, PETER 2,975,157
JONES, RANDALL MARK 2,974,828
JORDAN PETERS, JULIE A. 2,975,087
JORDAN, RICHARD 2,971,788
JUDICE, STEPHEN A. 2,975,236
JUDICE, STEPHEN A. 2,975,328
JUKES, PAUL 2,971,713
JULIUS, MARK D. 2,971,393
JUNE, CARL, H. 2,975,147
JUNGER, MICHAEL CARL 2,975,275
KADIYALA, IRINA NIKOLAEVNA 2,975,048
KAILA, NEELU 2,975,157
KAJIWARA, DAISUKE 2,975,372
KALO, EYAL 2,975,065
KAMAT, RAJEEV G. 2,971,618
KAMENOUE, SHOGO 2,972,182
KAMIHARA, NOBUYUKI 2,975,075
KANAMORI, ICHIRO 2,975,243
KANDYBOR, DMITRY B. 2,972,149
KAO CORPORATION 2,972,182
KAPEC, JEFFREY 2,966,867

KAPUR, RAVI 2,966,603
KAPUR, RAVI 2,966,611
KAPUR, RAVI 2,966,623
KARIYA, NOBUSUKE 2,975,068
KARTASHEVA, ELENA 2,972,149
KARV A/M DESIGN 2,975,524
KASPAR, BRIAN 2,975,101
KATAGIRI, TAKENOBU 2,975,376
KATAYAMA, TSUTAKI 2,975,073
KATHOLIEK UNIVERSITEIT LEUVEN 2,975,382
KATIEB, RALPH 2,969,136
KATMOR, ROY 2,968,201
KATMOR, ROY 2,968,327
KATSUMATA, YUJI 2,975,061
KATSUMATA, YUJI 2,975,064
KATSUMATA, YUJI 2,975,066
KATZ, ABRAHAM 2,975,378
KAWAGOE, MINORI 2,971,723
KAWAGOE, MINORI 2,971,724
KAWAGUCHI, YOSHIROU 2,975,376
KAWANA, KEI 2,975,247
KEENLEYSIDE, MALCOLM 2,974,947
KELAMAYI KING-BULL INFORTEC PETROLEUM EQUIPMENT CO., LTD. 2,975,156
KELLY, REBEKAH DETER 2,969,009
KELSON, IDO 2,968,201
KELSON, IDO 2,968,327
KEMIRA OYJ 2,966,585
KENNEDY, THOMAS J. III 2,970,162
KENYON, NATHANIEL KIRK 2,971,388
KERINS, FERGAL 2,974,995
KERN, BRANDON J. 2,975,171
KERR, RUSSELL GREIG 2,975,293
KESHAVARZ-SHOKRI, ALI 2,975,048
KHAJURIA, CHITVAN 2,970,342
KHAJURIA, CHITVAN 2,970,528
KHAJURIA, CHITVAN 2,970,607
KHAJURIA, CHITVAN 2,970,611
KHAJURIA, CHITVAN 2,970,670
KHAJURIA, CHITVAN 2,970,671
KHALILI, KAMEL 2,975,258
KHAMATNUROVA, TATYANA V. 2,975,433
KHOKHANI, PARUL A. 2,967,399
KIKUCHI, YOSHIKI 2,975,071
KIKUCHI, YOSHIKI 2,975,242
KIM, DAE HWAN 2,971,999
KIM, JEFFREY 2,975,301
KIM, JEONG M. 2,963,974
KIM, JUN O 2,971,999
KIM, KYUNG-JOONG 2,975,077
KIM, MYOUNG 2,969,151
KING, MELANIE A. 2,972,451
KINO-MO LTD 2,973,169
KLOCK, CASEY AARON 2,975,472
KLOCK, CASEY AARON 2,975,520
KLOEPFER, MICHAEL 2,975,152
KLOK, JAHANNES BERNARDUS MARIA 2,974,462
KLUG, MICHAEL A. 2,975,234
KLUG, RICHARD 2,975,046
KLUMPER, ERIC DENNIS 2,975,446
KNIEVEL, DONNA 2,969,547
KNOBLACH, GERALD MARK 2,972,348
KOBAYASHI, HIROSHI 2,975,365
KOBAYASHI, HISASHI 2,971,701
KOCH, WALTER J. 2,975,258
KODAMA, YASUAKI 2,972,182
KOECHLI, CHRISTIAN R. 2,966,989
KOEHNE, GUENTHER 2,966,351
KOJIMA, KATSUMI 2,975,068
KOMATSU LTD. 2,960,459
KOMATSU, HIROYUKI 2,975,061
KOMATSU, HIROYUKI 2,975,064
KOMATSU, HIROYUKI 2,975,066
KOMENOI, KOUSUKE 2,975,072
KONG, SHUAI 2,975,417
KONOLIGE, KURT 2,967,321
KOOLBRIDGE SOLAR, INC. 2,975,390
KOPECKY, SARAH 2,972,026
KOPPETSCH, KARSTEN 2,975,291
KORUS, MICHAEL F. 2,967,768
KOSURI, MADHAVA R. 2,973,796
KOTHARE, MOHIT ATUL 2,975,260
KOTT, JAMES M. 2,975,367
KOTULA, JONATHAN 2,971,876
KOVALSKY, IGOR 2,975,294
KRAEBER-BODERE, FRANCOISE 2,975,410
KRAGELOH, STEFAN 2,967,519
KRATZER, DEAN W. 2,973,796
KRAVITZ, ANDREW S. 2,970,465
KRAVITZ, ANDREW S. 2,971,568
KROKOSZ, DOUGLAS COREY 2,974,994
KRUG, PETER WILLIAM 2,973,828
KUBOTA, HIRONORI 2,975,549
KUBYAK, VALERIY 2,972,149
KUCHNIO, PIOTR 2,975,404
KUENZI, ADAM 2,968,521
KUENZI, ADAM 2,968,537
KUENZI, ADAM 2,968,550
KUENZI, ADAM 2,968,580
KUEPPERS, HANS 2,975,081
KUGLER, CHAD 2,975,309
KUK, KEON 2,971,999
KULLSTAM, JOHAN A. 2,967,793
KUMAR, ANIL 2,975,334
KURARAY CO., LTD. 2,975,070
KURUMADDALI, KUMAR 2,975,406
KVÆRNER AS 2,975,399
KYLLONEN, LASSE 2,966,585
KYRIAZOPOULOU-PANAGIOTOPOULOU, SOFIA 2,975,529
L & P PROPERTY MANAGMENT COMPANY 2,975,097
L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,973,796
LA VITA COMPOUNDING PHARMACY 2,974,953
LAASER, WILLIAM T. 2,972,499
LABO JUVERSA CO., LTD. 2,975,067
LADKAT, RAJENDRA VITHAL 2,975,237
LAFARGE 2,971,658
LAFARGE, MELANIE 2,971,543
LAFEVER, MALCOLM GARY 2,975,441
LAITRAM, L.L.C. 2,973,599
LAM, SIU HON 2,975,252
LANE, STEPHEN ERNEST 2,966,600
LANG, MICHAEL 2,968,521
LANGBERG, JONATHAN JASON 2,975,387
LANGLEY, DAVID R. 2,967,344
LANIAUSKAS, DAINA 2,970,935
LAPPOHN, JURGEN 2,967,079
LAPPOHN, JURGEN 2,967,080
LAPPOHN, JURGEN 2,967,081
LARSEN, JON 2,974,966
LARSON, TRENT NORMAN 2,975,528
LASSON, EMILIE 2,974,758
LAU, SHEK FAI 2,975,451
LAVIGNE-OTTMAN, DAWN 2,975,109
LAWSON, GREGORY MARK 2,975,097
LEBREUX, NORMAND 2,975,062
LEHR, DOUGLAS J. 2,974,949
LEI, HAIPENG 2,968,019
LEMAIRE, PIERRE ARMAND VINCENT 2,975,275
LEMBCKE, JEFFREY JOHN 2,975,272
LEONE, YVAN 2,974,848
LEVAND, VICTOR J. 2,975,555
LEWIS, KATHERINE E. 2,963,147
LI, BAILIN 2,970,138
LI, BINGZHAO 2,975,306
LI, DI 2,974,848
LI, DONGHONG 2,971,854
LI, PEI 2,966,663
LI, QING 2,975,315
LI, WEIMIN 2,975,417
LI, XUEFU 2,975,156
LI, YUAN 2,950,546
LIAO, CHANGYAN 2,975,004
LIEBER INSTITUTE FOR BRAIN DEVELOPMENT 2,975,398
LIEBL, REX 2,971,674
LIEDEN UNIVERSITY MEDICAL CENTER 2,975,382
LILLEBY, ANDERS 2,975,081
LINEGAR, CHRISTOPHER JAMES 2,970,855
LIPKENS, BART 2,970,162
LITTLER, BENJAMIN 2,975,048
LIU, JIANJUN 2,974,833
LIU, LIAN ZHU 2,975,413
LIU, OLIVER 2,975,301
LIU, XIAOJUN 2,975,147
LLOYD, MICHAEL SHANE 2,975,387
LOCKHEED MARTIN CORPORATION 2,975,103
LOCKLEAR, BRANDON C. 2,974,392
LOGA, THOMAS HENRY 2,970,484
LOMOKHOVA, ANASTASIA 2,972,149
LONZA INC. 2,972,026
LOPEZ, BILL 2,975,264
LOPEZ, JORGE LUIS 2,971,438
LORD, CHRIS 2,974,236

LOVELL, JOHN R. 2,974,648
LOWE, DEREK JOSEPH 2,975,282
LU, TIMOTHY KUAN-TA 2,971,876
LU, ZHENGUO 2,975,417
LUBRIZOL ADVANCED MATERIALS, INC. 2,971,393
LUEDI, MANFRED K. 2,966,989
LUMUS LTD. 2,966,851
LUTOLF, MATTHIAS 2,972,057
LYCORED LTD. 2,970,763
LYNN, TIMOTHY R. 2,967,414
LYNN, TIMOTHY R. 2,967,415
MA, CANGHAI 2,973,796
MA, JIANGLEI 2,975,316
MA, LIE 2,975,308
MA, TIANWEI 2,975,413
MACDUFF, CHARLES COLIN 2,975,446
MACHER, THOMAS 2,974,076
MACLACHLAN, GILBERT J. 2,973,599
MACVICAR, BRIAN 2,975,491
MADADI, AVINASH 2,975,097
MADIGAN, REGINA 2,975,087
MAERTENS, ANDREW JOSEPH 2,975,152
MAETA, MIO 2,975,371
MAGATANI, HIRONORI 2,975,248
MAGIC LEAP, INC. 2,975,234
MAISEL, KATHARINA 2,974,715
MAJEED, MUHAMMED 2,975,170
MAK, SIU WAI JACKY 2,974,995
MAKINO, RYOTA 2,972,182
MALINOUSKI, DZMITRY 2,973,169
MAN, HON-WAH 2,975,260
MAPELLI, CLAUDIO 2,967,344
MARASCO, WAYNE A. 2,968,555
MARCUS, SEAN 2,974,981
MARCUS, SEAN 2,974,987
MARCUS, SEAN 2,975,045
MARDIROSIAN, RAFFI 2,975,091
MARDIROSIAN, RAFFI 2,975,095
MARIE, SARAH 2,966,488
MARIN, GILDAS 2,966,488
MARKOVIC, SVETOMIR N. 2,954,202
MARKS, PATRICK 2,975,529
MARSHALL, MICHAEL 2,975,153
MARTIN, JAMES L., II 2,973,338
MARTINELL, BRIAN J. 2,975,516
MASCARO, MASSIMO 2,972,499
MASON, JULIAN 2,967,321
MASON, STEVEN 2,975,441
MASSA, DARIO 2,971,674
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,971,876
MASTELLER, EMMA 2,963,147
MASTERS, JAMES 2,971,721
MASTRI, DOMINICK 2,974,896
MASTRI, DOMINICK 2,974,906
MASTRI, DOMINICK 2,974,908
MATEEVA, ALBENA ALEXANDROVA 2,971,438
MATERIA, INC. 2,975,259
MATTEUCCI, SCOTT T. 2,975,171
MAULINI, RICHARD 2,969,073
MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH 2,954,202
MAZUIR, FLORENT 2,975,183
MCANALLY, CRAIG B. 2,970,465
MCANALLY, CRAIG B. 2,971,568
MCCLUNG, WILLIAM JAMES 2,975,520
MCCOMB, JOEL 2,975,088
MCDERMOTT, GRAHAM 2,975,411
MCDERMOTT, GRAHAM 2,975,416
MCDONALD, STEPHEN 2,974,236
MCDOUGALL, CARL 2,972,185
MCFARLING, SHANE 2,975,402
MCGUINESS, NICHOLAS MATTHEW COOPER 2,975,420
MCGUINNESS, NICHOLAS MATTHEW COOPER 2,975,422
MCKENNA, THOMAS 2,975,087
MCNERNEY, GERALD JOSEPH 2,975,472
MCNERNEY, GERALD JOSEPH 2,975,520
MCQUADE, THOMAS 2,971,734
MCRL, LLC 2,968,828
MEAN GREEN PRODUCTS, LLC 2,975,393
MEDICOMP, INC. 2,974,981
MEDICOMP, INC. 2,974,987
MEDICOMP, INC. 2,975,045
MEDTRONIC XOMED, INC. 2,966,989
MEDVEDEV, ANATOLY VLADIMIROVICH 2,973,062
MEDVEDEV, OLEG 2,973,062
MEGHARAJ, PRABHU 2,975,096
MEHTA, YOGESH A. 2,965,695
MEINDL, WOLFGANG PETER 2,975,403
MEISSONNIER, JULIEN GEORGES 2,975,549
MELLIN, GUSTAV ANDRE 2,971,396
MEMORIAL SLOAN KETTERING CANCER CENTER 2,966,351
MENARD, ERIC 2,975,062
MENG, ZHAOSHENG 2,975,417
MENTE, SCOT RICHARD 2,975,157
MESTEK, INC. 2,975,254
METKE, ANTHONY R. 2,967,768
MEURER, GUIDO 2,969,819
MEUTH, JOSHUA BRANDON 2,974,138
MEYERJURGENS, ANDREAS 2,971,969
MIAO, JINHUA 2,975,306
MIBU, RYOTA 2,975,243
MICRO MOTION, INC. 2,970,465
MICRO MOTION, INC. 2,971,568
MICRO-NATURE LLC 2,969,258
MICROSOFT TECHNOLOGY LICENSING, LLC 2,965,695
MICROSOFT TECHNOLOGY LICENSING, LLC 2,968,019
MIDEA GROUP CO., LTD. 2,975,308
MIDORI USA, INC. 2,975,093
MIESSAU, JAMES A. 2,975,123
MIKKELSEN, NIKOLAJ DAM 2,970,966
MILK CREAM LTD. 2,975,378
MILLER, ERIK 2,970,162
MILLER, PAUL 2,971,876
MILLER, WILLIAM HENRY 2,975,291
MINNIS, SYDNEY TYE 2,975,446
MITSUBISHI ELECTRIC CORPORATION 2,975,369
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,975,075
MIURA, NAOYA 2,975,371
MIYAJIMA, KAZUHIRO 2,972,182
MIYANO, SAORI 2,974,937
MIYATA, TADAAKI 2,975,248
MOCHIZUKI, TETSUYA 2,975,249
MOCK, BRYAN SCOTT 2,971,873
MOFFAT, BRIAN LEE 2,975,124
MOLINE, ROBERT J. 2,975,423
MOLLIEX, LUDOVIC EDMOND CAMILLE 2,972,168
MOLLIEX, LUDOVIC EDMOND CAMILLE 2,972,172
MONSANTO TECHNOLOGY LLC 2,975,516
MOORE, GARY 2,975,519
MOORHOUSE, JOHN H. 2,967,399
MOOSE, STEPHEN P. 2,970,138
MOR, ELAD 2,966,851
MOREAU-BELANGER, LAURENCE 2,974,848
MOREIRA PEDAO, DIEGO 2,975,278
MOREL, DIDIER 2,975,046
MORIKAWA, SHIGEYASU 2,975,240
MORIMOTO, NAOKI 2,960,459
MORIN, NATHALIE 2,970,369
MORINAGA, YASUHIRO 2,975,072
MORISHITA, YOSHIHIRO 2,975,070
MORRIS, BRYAN 2,971,743
MORRIS, JOHN W., IV 2,975,367
MOTOROLA SOLUTIONS, INC. 2,967,768
MOTOROLA SOLUTIONS, INC. 2,972,451
MOUGHTON, ADAM O. 2,972,232
MOYER, JAMES I. 2,974,985
MTD PRODUCTS INC 2,974,999
MUDIVARTI, PATRICE 2,975,529
MUELLER, ISAAK ELIS 2,971,876
MUKAI, TOMOAKI 2,975,249
MULL, ERIC 2,967,344
MULLER, ANTOINE 2,969,073
MULLER, HARALD 2,971,969
MULLER, MARTIN 2,975,500
MUNOZ, MARCELINO 2,974,966
MURAOKA, MIKIO 2,975,075
MURPHY, ANASTASIA V. 2,975,095
MURPHY, CHRISTOPHER B. 2,970,922
MURUGANANDAM, NATARAJAN 2,967,414
MUSURUANA, ENRICO 2,968,656
MUTILANGI, WILLIAM 2,975,388
MY SIZE ISRAEL 2014 LTD. 2,975,232
MYERSON, TED N. 2,975,441
MYUNG, SE-HO 2,975,077
NADALIN, ERIC 2,968,656
NAGABHUSHANAM, KALYANAM 2,975,170
NAGAI, HIDEMASA 2,975,365
NAGAI, SACHI 2,975,067
NAGASAWA, MASAYUKI 2,972,182

NAGATA, SATOSHI 2,975,373
NAKACHI, YOSHINORI 2,975,372
NAKADA, KANAYO 2,975,070
NAKAI, YUTA 2,975,371
NAKAJIMA, TAKASHI 2,975,061
NAKAJIMA, TAKASHI 2,975,064
NAKAJIMA, TAKASHI 2,975,066
NAKAMARU, HIROKI 2,975,068
NAKAMURA, KENSUKE 2,975,376
NAKAMURA, TOMIO 2,974,937
NAKANO, TOMOYUKI 2,972,182
NAKAYAMA, AKIHIKO 2,971,723
NAKAYAMA, AKIHIKO 2,971,724
NALU MEDICAL, INC. 2,975,488
NANOPRECISION PRODUCTS, INC. 2,967,365
NAOI, YUKIKO 2,966,867
NARVA, KENNETH E. 2,970,342
NARVA, KENNETH E. 2,970,528
NARVA, KENNETH E. 2,970,607
NARVA, KENNETH E. 2,970,611
NARVA, KENNETH E. 2,970,670
NARVA, KENNETH E. 2,970,671
NATIONAL CANCER CENTER 2,974,937
NATIONAL OILWELL DHT, L.P. 2,975,334
NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY 2,975,371
NEALON, KAITLYN 2,975,320
NEC CORPORATION 2,975,071
NEC CORPORATION 2,975,242
NEC CORPORATION 2,975,243
NEC CORPORATION 2,975,248
NEGRI, ROBERT H. 2,971,854
NEIL, NATHAN JAMES 2,975,151
NEOMED, INC. 2,974,399
NERUDIA LTD 2,974,236
NEVALA, WENDY K. 2,954,202
NEW GROWING SYSTEMS, S.L. 2,975,206
NEW YORK AIR BRAKE LLC 2,969,614
NEW YORK AIR BRAKE LLC 2,972,022
NEWMAN, JOHN 2,974,514
NEWMAN, PAUL MICHAEL 2,970,855
NEXMO, INC. 2,968,656
NEXVET AUSTRALIA PTY LTD 2,975,017
NEYTS, JOHAN 2,975,382
NG, PUI YEE 2,975,291
NGUYEN, ANH TUAN 2,975,301
NGUYEN, ANHCO 2,971,734
NGUYEN, DENNIS P. 2,972,761
NICKEL, ERIC 2,971,727
NIGAM, PANKAJ 2,966,867
NIJLAND, JAN WILLEM 2,975,381
NISHIKAWA, KENTARO 2,975,072
NISSAN MOTOR CO., LTD. 2,975,061
NISSAN MOTOR CO., LTD. 2,975,064
NISSAN MOTOR CO., LTD. 2,975,066
NISSHIN STEEL CO., LTD. 2,975,240
NISTICA, INC. 2,968,329
NOF CORPORATION 2,975,371
NOFZINGER, ERIC A. 2,975,092
NOMOTO, KENICHI 2,974,937
NOOK, JONATHAN LEWIS 2,957,431
NOOK, WILLIAM KNIGHT, SR. 2,957,431
NORSK HYDRO ASA 2,975,081
NOSSEIR, MOHAMED 2,967,471
NOV DOWNHOLE EURASIA LIMITED 2,971,788
NOVADAQ TECHNOLOGIES INC. 2,975,295
NOVARTIS AG 2,971,541
NOVARTIS AG 2,971,800
NOVELIS INC. 2,971,596
NOVELIS INC. 2,971,618
NTT DOCOMO, INC. 2,975,373
NUSCALE POWER, LLC 2,971,400
NYHEIM, HILDE 2,974,758
NYMAN, JOSHUA 2,968,482
NYMOX PHARMACEUTICAL CORPORATION 2,975,221
O'BRIEN, KEVIN 2,974,833
O'DONNELLY WEAVER, KERRY 2,969,299
O'KEEFE, ANNA MARY 2,975,516
O'NEILL, LUKE 2,975,192
O'REILLY, RICHARD J. 2,966,351
OALMANN, CHRISTOPHER 2,975,291
OCHSENFELD, CHERIE 2,969,547
ODEGBAMI, OLUMIDE O. 2,975,438
ODRLJIN, TATJANA 2,973,883
OFIR, YUVAL 2,966,851
OGAWA, TOMOYUKI 2,936,533
OGUNADE, ADEBIMPE 2,966,867
OGURA, SHINICHI 2,972,182
OKABE, SEIJI 2,975,245
OKABE, TAKATOSHI 2,975,366
OLEKSANDR, GOLUB 2,975,105
OMTHERA PHARMACEUTICALS INC 2,975,549
OMURA, TAKESHI 2,975,245
ONIK, GARY M. 2,975,123
ONO, ICHIRO 2,975,067
OOHIRA, MAYO 2,975,071
OPENTV, INC. 2,972,621
OR, YAT SUN 2,975,257
ORDONEZ, HEATHER 2,975,529
ORSENIX HOLDINGS BV 2,975,406
ORTHOSOFT INC. 2,974,848
OSAWA, KENJI 2,975,376
OSE IMMUNOTHERAPEUTICS 2,964,203
OSORIO MUNOZ, BLADIMIR 2,975,205
OSTANIK, MATTHEW T. 2,975,161
PALMER, CHAD 2,974,983
PALMER, MATTHEW 2,975,320
PANTHER ORTHOPEDICS, INC. 2,974,366
PAPINI, FRANCESCO 2,967,019
PAQELL B.V. 2,974,462
PARADIS, FRANCOIS 2,974,848
PARKER, BRECK O. 2,975,236
PARKER-HANNIFIN CORPORATION 2,967,297
PARKS, CURTIS 2,975,288
PARKS, CURTIS 2,975,292
PARLIAMENT, KELLY 2,969,547
PARMESHWAR, VISHWANATHAN 2,974,947
PASOL, LAURENTIU 2,974,459
PATEL, GOPALKUMAR CHIMANLAL 2,975,363
PATEL, JITEN RANCHHODBHAI 2,975,363
PATTERSON, HUBERT A. 2,972,425
PATTERSON, TOM G. 2,969,547
PELLETIER, BENOIT 2,974,848
PEPSICO, INC. 2,975,388
PERI GMBH 2,973,046
PERKINS, EDWARD 2,975,526
PERNI, ROBERT B. 2,975,291
PERRY, INON 2,975,065
PESEK, THOMAS 2,968,121
PETERS, HANNAH L. 2,975,382
PETERS, LARS E. 2,975,236
PETO, ANTHONY CHARLES 2,975,446
PETRONIC, MARK 2,968,964
PETTIS, RONALD 2,975,046
PEVERI, LUIGI 2,974,465
PFIZER INC. 2,975,157
PHELPS, JOHN BOYD 2,969,258
PHIBRO ANIMAL HEALTH CORPORATION 2,970,922
PIANA DE ANDRADE, VICTOR 2,975,278
PIERPONT, DANIEL M. 2,971,603
PILLAI, RAJU 2,975,334
PIONEER HI-BRED INTERNATIONAL, INC. 2,970,138
PIONEER HI-BRED INTERNATIONAL, INC. 2,975,302
PISAPIA, ANTONIO 2,974,049
PIVONKA, DANIEL 2,975,488
PODGORSKI, MICHAEL 2,972,168
PODGORSKI, MICHAEL 2,972,172
POIRIER, NICOLAS 2,964,203
POKOS, MARK 2,975,284
POLOWICK, CHRIS 2,975,288
POLOWICK, CHRIS 2,975,292
POLYMER VENTURES INC. 2,970,922
PONCZEC, JUSTIN 2,975,411
PONCZEC, JUSTIN 2,975,416
POPOVICH, GEORGE 2,967,768
POSS, MICHAEL A. 2,967,344
POTTORF, JASON 2,971,400
POULSEN, CHRIS 2,968,121
POULSEN, NIKOLAI 2,967,586
POWERBYPROXI LIMITED 2,975,405
PRAXAIR TECHNOLOGY, INC. 2,965,357
PRAXAIR TECHNOLOGY, INC. 2,971,701
PRESZ, WALTER M., JR. 2,970,162
PREUSS, RYAN 2,969,547
PROCKOP, SUSAN E. 2,966,351
PRONOVA BIOPHARMA NORGE AS 2,974,758
PULLIAM, TERRY 2,975,253
PURPLE DECK MEDIA, INC. 2,975,151
PUSZKIEWICZ, IGNACY 2,971,873
QUAN, SEN 2,950,546
QUAN, WEI 2,975,306
QUANTUM DESIGNED MATERIALS LTD. 2,965,546

QUE, QIUDENG	2,969,151
QUIPIP, LLC	2,975,337
RADAI, MICHAL MIRIAM	2,975,232
RADEVIK, ANDREAS	2,975,549
RADJY, FARROKH F.	2,975,337
RADTKE, KATHERINE L.	2,975,382
RAIRIGH, JAMES, G.	2,975,143
RAKUS, PAUL R.	2,971,172
RAMOT, OFIR	2,975,065
RAND, CHARLES J.	2,967,395
RANGANATH, SHEILA	2,971,734
RAVI, KRISHNA M.	2,972,402
RAVI, KRISHNA M.	2,975,086
RAYTHEON COMPANY	2,967,793
RAYTHEON COMPANY	2,970,282
RCM ENTERPRISE, LLC	2,975,446
REARM INC.	2,975,281
REBOUSSIN, SANDRINE	2,971,658
RECUTECH S.R.O.	2,972,118
REEB, DAVID L.	2,973,338
REESE, GERHARD	2,974,461
REISS, ALLAN	2,975,290
RENZ, BERND	2,973,046
REYNOLDS, CRAIG B.	2,975,092
RFEMB HOLDINGS, LLC	2,975,123
RHEINMETALL WAFFE MUNITION GMBH	2,974,076
RIDYARD, DAVID	2,972,245
RIEDER, AIDA ELIZABETH	2,973,828
RINI, CHRISTOPHER	2,975,046
RIPLEY, VAN	2,969,547
RIPPOLE, DAMIAN F.	2,975,092
RIZVI, SYED MASOOD	2,969,547
ROBERSON, MARK W.	2,972,402
ROBERSON, MARK W.	2,975,086
ROBERSON, MARK W.	2,975,442
ROBERT, GERARD	2,971,711
ROBERTS, BRUCE	2,975,046
ROBERTSON, AVRIL	2,975,192
ROBINSON, URIYAH DUCHUN	2,975,255
ROBISON, CLARK E.	2,975,272
ROCKY MOUNTAIN EQUIPMENT CANADA LTD.	2,975,288
ROCKY MOUNTAIN EQUIPMENT CANADA LTD.	2,975,292
RODGERS, MATTHEW L.	2,975,171
RODHAIN, ARNAUD	2,971,347
RODOWSKI, C. DAMIEN	2,967,395
RODRIGUEZ, LUIS LEANDRO	2,973,828
ROHM AND HAAS COMPANY	2,967,395
ROHR, WILLIAM ROBERT	2,975,097
ROMERO, SERGIO	2,970,756
ROSA-CALATRAVA, MANUEL	2,959,153
ROSS-JOHNSRUD, BENJAMIN	2,970,162
ROSSET, BENOIT	2,970,568
ROSSOM, JAMES D.	2,974,985
ROTHROCK, WALTER R.	2,975,334
ROUNSLEY, STEVE	2,969,547
ROY-MOISAN, FRANCOIS	2,974,997
RUBENS, JACOB ROSENBLUM	2,971,876
RUBIO, FELIPE A.	2,970,077
RUBIO, FELIPE A.	2,970,620
RUBIO, MANUEL J.	2,970,077
RUBIO, MANUEL J.	2,970,620
RUIZ, EDU	2,972,168
RUIZ, EDU	2,972,172
RUNGTA, RAVI	2,975,491
RUSZALA, DARIUSZ	2,968,502
RYDER, KARL SCOTT	2,975,351
SAFRAN	2,972,168
SAFRAN	2,972,172
SAFRAN AIRCRAFT ENGINES	2,971,347
SAFRAN AIRCRAFT ENGINES	2,972,168
SAFRAN AIRCRAFT ENGINES	2,972,172
SAFRAN HELICOPTER ENGINES	2,971,988
SAINI, GAGAN	2,975,261
SAITAMA MEDICAL UNIVERSITY	2,975,376
SALEH, KHODR	2,967,586
SALNIKOV, DMITRIY	2,971,612
SAMSON, ETIENNE M.	2,974,801
SAMSUNG ELECTRONICS CO., LTD.	2,971,999
SAMSUNGS ELECTRONIC CO., LTD.	2,975,077
SAMUEL, ROBELLO	2,974,295
SANCHEZ, FLOR	2,970,756
SANSONETTI, PHILIPPE	2,971,933
SANTOSH, VARUN	2,968,964
SARIKAYA, EDA	2,969,819
SAVARY, NICOLAS	2,971,988
SAVATSKY, BRUCE J.	2,967,414
SAVATSKY, BRUCE J.	2,967,415
SAWADA, AKIRA	2,975,061
SAWADA, AKIRA	2,975,064
SAWADA, AKIRA	2,975,066
SAXONOV, SERGE	2,975,529
SCANGAS, ALEXANDER N.	2,975,048
SCHADE, ROSS ARTHUR	2,968,121
SCHAEDLER, AXEL	2,974,999
SCHANTZ, BENGT STAFFAN	2,975,549
SCHEUPLEIN, FELIX	2,971,734
SCHIRM, JEFFREY J.	2,975,092
SCHLUMBERGER CANADA LIMITED	2,973,062
SCHLUMBERGER CANADA LIMITED	2,974,465
SCHLUMBERGER CANADA LIMITED	2,974,648
SCHLUMBERGER CANADA LIMITED	2,974,947
SCHNALL-LEVIN, MICHAEL	2,975,529
SCHNEIDER, UFFE VEST	2,970,966
SCHNEIDER, WERNER	2,973,046
SCHNUPF, PAMELA	2,971,933
SCHNUTE, MARK EDWARD	2,975,157
SCHOEBEN, SPENCER	2,975,411
SCHOEBEN, SPENCER	2,975,416
SCHOWENGERDT, BRIAN T.	2,975,234
SCHRAMM, JR. CHARLES JOHN	2,971,571
SCHREIBER, TAYLOR	2,975,191
SCHRODER, KATE	2,975,192
SCHWARZ, DARREN	2,970,484
SCOLA, PAUL MICHAEL	2,967,344
SCOTT, KENNETH	2,974,236
SEARLE, NICHOLAS	2,975,254
SEB S.A.	2,971,984
SEB SA	2,971,981
SEDLOV, TANYA	2,970,763
SEEGER, DIRK	2,971,969
SEISER, TOBIAS	2,971,674
SEITZ, JULIEN	2,971,775
SEKELSKY, STEPHEN M.	2,975,103
SELA, GAL	2,975,404
SELIGMANN, BRUCE	2,975,088
SELLS, JEREMY	2,975,420
SELLS, JEREMY	2,975,422
SELVAGGIO, GIANLUCA	2,971,876
SEMAAN, ROBERT	2,968,035
SEQUEIRA, MELWYN F.	2,972,425
SEQUEIRA, MELWYN F.	2,972,429
SERIO-US INDUSTRIES, INC.	2,973,338
SERNO-SCHERSCH, KATHRIN	2,971,800
SHAKESHEFF, KEVIN	2,971,291
SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY	2,975,417
SHANGHAI SHIFT ELECTRICS CO.,LTD.	2,975,155
SHAO, CHEN	2,975,308
SHARKNINJA OPERATING LLC	2,975,385
SHARMA, DEVANSH	2,975,252
SHARP KABUSHIKI KAISHA	2,975,069
SHAW, JASON	2,972,028
SHEKITA, AMY	2,969,009
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	2,971,438
SHEN, RUICHAO	2,975,257
SHETH, GAURAV SANJIVKUMAR	2,975,363
SHIBATA, TATSUHIRO	2,974,937
SHIGDAR, SARAH	2,975,190
SHIMADA, ITSURO	2,975,072
SHINOZAWA, HIROKAZU	2,975,071
SHINOZAWA, HIROKAZU	2,975,242
SHMYROV, VALERIY	2,972,149
SHOJI, TAKUYA	2,975,248
SHOPE, DANIEL LEE	2,975,151
SHRIVASTAVA, DHAIRYA	2,968,665
SHRIVASTAVA, SHIVANI	2,975,223
SHU, KODO	2,968,019
SICZEK, PAWEL MAREK	2,971,396
SIEGFRIED, BLAIR	2,970,342
SIEGFRIED, BLAIR	2,970,528
SIEGFRIED, BLAIR	2,970,607
SIEGFRIED, BLAIR	2,970,611
SIEGFRIED, BLAIR	2,970,670
SIEGFRIED, BLAIR	2,970,671
SIEMENS INDUSTRY, INC.	2,968,502
SIEMON, JOHN T.	2,972,155
SIGNAL PHARMACEUTICALS LLC	2,975,260
SIKORSKI, ROBERT	2,963,147
SILVA, GIAN MARCO	2,974,465

SIMOLA, CHARLES 2,975,318
SINGH, BRIJENDRA 2,967,471
SINHA, ASHWINI K. 2,965,357
SKEWES, BRETT 2,975,402
SKYWAVE NETWORKS, LLC 2,968,534
SLINGSHOT BIOSCIENCES, INC. 2,975,301
SMITH, JACOB DANIEL 2,975,472
SMITH, JACOB DANIEL 2,975,520
SMITH, KYLE C. 2,966,603
SMITH, KYLE C. 2,966,611
SMITH, KYLE C. 2,966,623
SMITH, RONNIE E. 2,975,323
SMITH, STANLEY M. 2,965,357
SMITTLE, RICHARD BAIRD 2,969,258
SMITZ, JOHAN 2,970,756
SNIBBE, SCOTT 2,975,411
SNIBBE, SCOTT 2,975,416
SNIJDER, ERIC J. 2,975,382
SNUTCH, TERRANCE P. 2,975,491
SOBORSKI, MICHAEL L. 2,974,808
SOERGEL, SEBASTIAN 2,975,183
SOLLUM TECHNOLOGIES 2,974,997
SOMERS, DAVID ALAN 2,975,516
SONG, DECHEN 2,975,160
SOULEZ, THOMAS GILLES MICHEL 2,968,656
SOUND BIOPHARMACEUTICALS LTD. 2,975,315
SPACE DATA CORPORATION 2,972,348
SPAULDING, VIKKI A. 2,971,734
SPECTRUM BRANDS, INC. 2,975,472
SPECTRUM BRANDS, INC. 2,975,520
SPEER, ROBERT J. 2,972,155
SPOHN, RONALD F. 2,965,357
SPRAYING SYSTEMS CO. 2,974,985
SRINIVASAN, SUDARSAN 2,975,046
STADTLER, THORSTEN 2,974,461
STAEHLE, ROGER W. 2,975,304
STALEY, SHAUN 2,974,966
STANFIELD, JAMES RICHARD 2,957,431
STAUNTON-LAMBERT, KEVIN 2,972,621
STAVENKA, ARTSIOM 2,973,169
STAVROPOULOS, KATHY 2,975,048
STEARNS, RALPH 2,974,906
STEARNS, RALPH 2,974,908
STECCO, KATHRYN A. 2,974,366
STEFANSKI, GRZEGORZ 2,975,081
STEHLE, JOHN HENRY 2,971,388
STENVIK, RALPH A. 2,970,779
STEVENS, ANTHONY 2,975,088
STEWART, AUDREY 2,972,166
STOKES, JON 2,970,484
STOKES, MATTHEW 2,974,996
STORER, NICHOLAS P. 2,970,342
STORER, NICHOLAS P. 2,970,528
STORER, NICHOLAS P. 2,970,607
STORER, NICHOLAS P. 2,970,611
STORER, NICHOLAS P. 2,970,670
STORER, NICHOLAS P. 2,970,671
STROBEL, MARK A. 2,972,232
STROM, GREGORY ROBERT 2,971,388
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MASSMAN, STEVE 2,956,143
MCCLURE, DONALD BRUCE 2,955,545
MCCLURE, DONALD BRUCE 2,955,555
MCCLURE, DONALD BRUCE 2,955,561
MCKEE, TRAVIS 2,974,803
MCLEOD, COLIN D. 2,968,078
MEDICOMP, INC. 2,973,994
MEGARO, MATTHEW A. 2,973,975
MESTEK, INC. 2,974,457
MILLER, MARK SHERWOOD 2,948,739
MONTEITH, COLIN R. 2,935,832
NARINE, SURESH 2,948,777

NELSON, ERIC R. 2,974,873
NEUENFELDT, STEVEN K. 2,974,928
NEUENFELDT, STEVEN K. 2,974,930
NEUROHR, MARK A. 2,974,928
NEUROHR, MARK A. 2,974,930
NEWCO ENTERPRISES, INC. 2,957,101
NGUYEN, THAN 2,973,241
NIHON MEDI-PHYSICS CO., LTD. 2,940,538
NTT DOCOMO, INC. 2,974,736
NUELLE, INC. 2,975,210
OLSON, LORIN P. 2,974,411
PALEY, KATE C. 2,975,222
PALMER, WILLIAM ALLEN 2,948,726
PARENTEAU, FRANCOIS 2,974,534
PARSA, RAMINE 2,947,705
PETERSON, GORDON J. 2,974,799
PETROLEO BRASILEIRO S.A. - PETROBRAS 2,948,166
PF WATERWORKS LP 2,956,555
PHILBROOK, MARK C. 2,935,832
PILETTE, THOMAS 2,974,627
PIMERA, INC. 2,974,960
QBM DISTRIBUTORS LTD 2,956,246
QUINN, KERRY WILLIAM 2,956,143
RAGHUNANAN, LATCHMI 2,948,777
RANEY, CHARLES C. 2,974,769
REGENERA PHARMA LTD. 2,974,805
RESLER, DERRICK 2,974,534
REYES, STAN 2,974,873
RITCHART, MARK A. 2,973,241
ROBAR, JAMES LEONARD 2,973,781
ROE, STEVEN N. 2,974,769
SALAZAR DUARTE, GABRIEL 2,948,370
SCHULTZ, STEPHEN S. 2,955,923
SCHURER, BENEDIKT 2,948,370
SCHWARZHUBER, JOSEF 2,948,370
SELIGER, ANDREAS 2,948,370
SHAW, WALTER A. 2,974,803
SHEN, HARDY S. 2,974,873
SIGMA DEK LTD 2,974,534
SIMARD, MARC J. 2,974,689
SIMMONDS PRECISION PRODUCTS, INC. 2,948,739
SMELCER, JIM C. 2,974,190
SMITH, KENNETH C. 2,956,411
SOREL FORGE CO. 2,957,103
STEELCASE INC. 2,974,799
STOOP, DIRK 2,975,100
SYNGENTA PARTICIPATIONS AG 2,955,545
SYNGENTA PARTICIPATIONS AG 2,955,555
SYNGENTA PARTICIPATIONS AG 2,955,561
SZETO, HAZEL H. 2,971,931
TAKIUE, JUNYA 2,974,736
TAN, THIOW KENG 2,974,736
TANAKA, HIROSHI 2,940,538
THE BOEING COMPANY 2,975,229
THE GENERAL HOSPITAL CORPORATION 2,974,972
THE UNITED STATES OF AMERICA AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS 2,974,689
THOMAS & BETTS INTERNATIONAL, LLC 2,975,038
TIMBERLAKE, BRENT 2,975,210
TITELINE LLC 2,956,215
TOKYO INSTITUTE OF TECHNOLOGY 2,940,538
TOWLER, JEFFREY 2,971,836
TOYAMA, MASAHITO 2,940,538
TOYO SEIKAN GROUP HOLDINGS, LTD. 2,972,651
TRENT UNIVERSITY 2,948,777
TRULL, MICHAEL 2,973,975
UNIVERSIDADE FEDERAL DO RIO DE JANEIRO 2,948,166
UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC. 2,974,143
UNIVERSITY OF MARYLAND, BALTIMORE 2,974,689
VAN DIJK, JORN 2,975,100
VERIDEX, LLC 2,975,186
VERZBERGER-EPSHTEIN, ISABELLA 2,975,313
VIANCIN, JEAN-CHARLES 2,956,486
VLAHOGEORGE, JOHN T. 2,950,668
VOSS, CHRISTIAN 2,948,370
W. L. GORE & ASSOCIATES, INC. 2,971,836
W.L. GORE & ASSOCIATES, INC. 2,974,879
WANG, JINGLI 2,974,411
WAWRZINEK, KLEMENS 2,948,370
WEBER, TORY 2,974,534
WEBSTER, JOSEPH P. 2,957,101
WESTERGARD, GREGG 2,974,534
WESTROCK SHARED SERVICES, LLC 2,956,411
WESTROCK SHARED SERVICES, LLC 2,956,416
WESTROCK SHARED SERVICES, LLC 2,956,600
WHITENER, MICHAEL 2,956,215
WHITTALL, CHRIS 2,974,873
WILLIAMS, ROBERT C., III 2,973,975
WOOD, JENNIFER D. 2,946,287
WORD DIAMONDS LLC 2,975,222
WU, HUAN-PING 2,973,124
YESAIR, DAVID W. 2,974,803
ZAKRZEWSKI, RADOSLAW 2,948,739
ZHAO, MINGQI 2,974,411